

FORM ADV

UNIFORM APPLICATION FOR INVESTMENT ADVISER REGISTRATION AND REPORT BY EXEMPT REPORTING ADVISERS

Primary Business Name: D. E. SHAW & CO., L.P.

CRD Number: 108679

Other-Than-Annual Amendment - All Sections

Rev. 10/2021

4/1/2024 3:29:59 PM

WARNING: Complete this form truthfully. False statements or omissions may result in denial of your application, revocation of your registration, or criminal prosecution. You must keep this form updated by filing periodic amendments. See Form ADV General Instruction 4.

Item 1 Identifying Information

Responses to this Item tell us who you are, where you are doing business, and how we can contact you. If you are filing an *umbrella registration*, the information in Item 1 should be provided for the *filing adviser* only. General Instruction 5 provides information to assist you with filing an *umbrella registration*.

A. Your full legal name (if you are a sole proprietor, your last, first, and middle names):

D. E. SHAW & CO., L.P.

B. (1) Name under which you primarily conduct your advisory business, if different from Item 1.A.

D. E. SHAW & CO., L.P.

List on Section 1.B. of Schedule D any additional names under which you conduct your advisory business.

(2) If you are using this Form ADV to register more than one investment adviser under an *umbrella registration*, check this box

If you check this box, complete a Schedule R for each relying adviser.

C. If this filing is reporting a change in your legal name (Item 1.A.) or primary business name (Item 1.B.(1)), enter the new name and specify whether the name change is of your legal name or your primary business name:

D. (1) If you are registered with the SEC as an investment adviser, your SEC file number: **801-56171**

(2) If you report to the SEC as an *exempt reporting adviser*, your SEC file number:

(3) If you have one or more Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

CIK Number
1009268

E. (1) If you have a number ("CRD Number") assigned by the *FINRA's CRD* system or by the *IARD* system, your *CRD* number: **108679**

If your firm does not have a CRD number, skip this Item 1.E. Do not provide the CRD number of one of your officers, employees, or affiliates.

(2) If you have additional *CRD* Numbers, your additional *CRD* numbers:

No Information Filed

F. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Number and Street 1:

1166 AVENUE OF THE AMERICAS

City:

NEW YORK

State:

New York

Number and Street 2:

NINTH FLOOR

Country:

United States

ZIP+4/Postal Code:

10036

If this address is a private residence, check this box:

List on Section 1.F. of Schedule D any office, other than your principal office and place of business, at which you conduct investment advisory business. If you are applying for registration, or are registered, with one or more state securities authorities, you must list all of your offices in the state or states to which you are applying for registration or with whom you are registered. If you are applying for SEC registration, if you are registered only with the SEC, or if you are reporting to the SEC as an exempt reporting adviser, list the largest twenty-five offices in terms of numbers of employees as of the end of your most recently completed fiscal year.

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

(5) What is the total number of offices, other than your *principal office and place of business*, at which you conduct investment advisory business as of the end of your most recently completed fiscal year?

G. Mailing address, if different from your *principal office and place of business* address:

Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____

If this address is a private residence, check this box:

H. If you are a sole proprietor, state your full residence address, if different from your *principal office and place of business* address in Item 1.F.:

Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____

Yes No

I. Do you have one or more websites or accounts on publicly available social media platforms (including, but not limited to, Twitter, Facebook and LinkedIn)?

If "yes," list all firm website addresses and the address for each of the firm's accounts on publicly available social media platforms on Section 1.I. of Schedule D. If a website address serves as a portal through which to access other information you have published on the web, you may list the portal without listing addresses for all of the other information. You may need to list more than one portal address. Do not provide the addresses of websites or accounts on publicly available social media platforms where you do not control the content. Do not provide the individual electronic mail (e-mail) addresses of employees or the addresses of employee accounts on publicly available social media platforms.

J. Chief Compliance Officer

(1) Provide the name and contact information of your Chief Compliance Officer. If you are an *exempt reporting adviser*, you must provide the contact information for your Chief Compliance Officer, if you have one. If not, you must complete Item 1.K. below.

Name: _____ Other titles, if any: _____
 Telephone number: _____ Facsimile number, if any: _____
 Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____

Electronic mail (e-mail) address, if Chief Compliance Officer has one: _____

(2) If your Chief Compliance Officer is compensated or employed by any *person* other than you, a *related person* or an investment company registered under the Investment Company Act of 1940 that you advise for providing chief compliance officer services to you, provide the *person's* name and IRS Employer Identification Number (if any):

Name: _____
 IRS Employer Identification Number: _____

K. Additional Regulatory Contact Person: If a person other than the Chief Compliance Officer is authorized to receive information and respond to questions about this Form ADV, you may provide that information here.

Name: _____ Titles: _____
 Telephone number: _____ Facsimile number, if any: _____
 Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____

Electronic mail (e-mail) address, if contact person has one: _____

Yes No

L. Do you maintain some or all of the books and records you are required to keep under Section 204 of the Advisers Act, or similar state law, somewhere other than your *principal office and place of business*?

If "yes," complete Section 1.L. of Schedule D.

Yes No

M. Are you registered with a *foreign financial regulatory authority*?

Answer "no" if you are not registered with a foreign financial regulatory authority, even if you have an affiliate that is registered with a foreign financial regulatory authority. If "yes," complete Section 1.M. of Schedule D.

Yes No

N. Are you a public reporting company under Sections 12 or 15(d) of the Securities Exchange Act of 1934?

Yes No

O. Did you have \$1 billion or more in assets on the last day of your most recent fiscal year?

If yes, what is the approximate amount of your assets:

- \$1 billion to less than \$10 billion
 \$10 billion to less than \$50 billion
 \$50 billion or more

For purposes of Item 1.O. only, "assets" refers to your total assets, rather than the assets you manage on behalf of clients. Determine your total assets using the total assets shown on the balance sheet for your most recent fiscal year end.

P. Provide your *Legal Entity Identifier* if you have one:

TNWE6LERP1CI9IDAZB80

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

SECTION 1.B. Other Business Names

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW ADVISER II, L.L.C. (RELYING ADVISER)

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
<input type="checkbox"/> AK	<input type="checkbox"/> IN	<input type="checkbox"/> NV	<input type="checkbox"/> SD
<input type="checkbox"/> AZ	<input type="checkbox"/> IA	<input type="checkbox"/> NH	<input type="checkbox"/> TN
<input type="checkbox"/> AR	<input type="checkbox"/> KS	<input type="checkbox"/> NJ	<input type="checkbox"/> TX
<input type="checkbox"/> CA	<input type="checkbox"/> KY	<input type="checkbox"/> NM	<input type="checkbox"/> UT
<input type="checkbox"/> CO	<input type="checkbox"/> LA	<input checked="" type="checkbox"/> NY	<input type="checkbox"/> VT
<input type="checkbox"/> CT	<input type="checkbox"/> ME	<input type="checkbox"/> NC	<input type="checkbox"/> VI
<input type="checkbox"/> DE	<input type="checkbox"/> MD	<input type="checkbox"/> ND	<input type="checkbox"/> VA
<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
<input type="checkbox"/> FL	<input type="checkbox"/> MI	<input type="checkbox"/> OK	<input type="checkbox"/> WV
<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	<input type="checkbox"/> Other:
<input type="checkbox"/> ID	<input type="checkbox"/> MT	<input type="checkbox"/> RI	

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW & CO. (LONDON), LLP (RELYING ADVISER)

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
<input type="checkbox"/> AK	<input type="checkbox"/> IN	<input type="checkbox"/> NV	<input type="checkbox"/> SD
<input type="checkbox"/> AZ	<input type="checkbox"/> IA	<input type="checkbox"/> NH	<input type="checkbox"/> TN
<input type="checkbox"/> AR	<input type="checkbox"/> KS	<input type="checkbox"/> NJ	<input type="checkbox"/> TX
<input type="checkbox"/> CA	<input type="checkbox"/> KY	<input type="checkbox"/> NM	<input type="checkbox"/> UT
<input type="checkbox"/> CO	<input type="checkbox"/> LA	<input type="checkbox"/> NY	<input type="checkbox"/> VT
<input type="checkbox"/> CT	<input type="checkbox"/> ME	<input type="checkbox"/> NC	<input type="checkbox"/> VI
<input type="checkbox"/> DE	<input type="checkbox"/> MD	<input type="checkbox"/> ND	<input type="checkbox"/> VA
<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
<input type="checkbox"/> FL	<input type="checkbox"/> MI	<input type="checkbox"/> OK	<input type="checkbox"/> WV
<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	<input checked="" type="checkbox"/> Other: UNITED KINGDOM
<input type="checkbox"/> ID	<input type="checkbox"/> MT	<input type="checkbox"/> RI	

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW & CO. (ASIA PACIFIC) LIMITED (RELYING ADVISER)

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
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- AK
- AZ
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- CA
- CO
- CT
- DE
- DC
- FL
- GA
- GU
- HI
- ID

- IN
- IA
- KS
- KY
- LA
- ME
- MD
- MA
- MI
- MN
- MS
- MO
- MT

- NV
- NH
- NJ
- NM
- NY
- NC
- ND
- OH
- OK
- OR
- PA
- PR
- RI

- SD
- TN
- TX
- UT
- VT
- VI
- VA
- WA
- WV
- WI
- WY
- Other: HONG KONG

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW MULTI-ASSET ADVISER, L.L.C. (RELYING ADVISER)

Jurisdictions

- AL
- AK
- AZ
- AR
- CA
- CO
- CT
- DE
- DC
- FL
- GA
- GU
- HI
- ID

- IL
- IN
- IA
- KS
- KY
- LA
- ME
- MD
- MA
- MI
- MN
- MS
- MO
- MT

- NE
- NV
- NH
- NJ
- NM
- NY
- NC
- ND
- OH
- OK
- OR
- PA
- PR
- RI

- SC
- SD
- TN
- TX
- UT
- VT
- VI
- VA
- WA
- WV
- WI
- WY
- Other:

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW HELIANT ADVISER, L.L.C. (RELYING ADVISER)

Jurisdictions

- AL
- AK
- AZ
- AR
- CA
- CO
- CT
- DE
- DC
- FL
- GA
- GU
- HI
- ID

- IL
- IN
- IA
- KS
- KY
- LA
- ME
- MD
- MA
- MI
- MN
- MS
- MO
- MT

- NE
- NV
- NH
- NJ
- NM
- NY
- NC
- ND
- OH
- OK
- OR
- PA
- PR
- RI

- SC
- SD
- TN
- TX
- UT
- VT
- VI
- VA
- WA
- WV
- WI
- WY
- Other:

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW COMPOSITE ADVISER, L.L.C. (RELYING ADVISER)

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
<input type="checkbox"/> AK	<input type="checkbox"/> IN	<input type="checkbox"/> NV	<input type="checkbox"/> SD
<input type="checkbox"/> AZ	<input type="checkbox"/> IA	<input type="checkbox"/> NH	<input type="checkbox"/> TN
<input type="checkbox"/> AR	<input type="checkbox"/> KS	<input type="checkbox"/> NJ	<input type="checkbox"/> TX
<input type="checkbox"/> CA	<input type="checkbox"/> KY	<input type="checkbox"/> NM	<input type="checkbox"/> UT
<input type="checkbox"/> CO	<input type="checkbox"/> LA	<input checked="" type="checkbox"/> NY	<input type="checkbox"/> VT
<input type="checkbox"/> CT	<input type="checkbox"/> ME	<input type="checkbox"/> NC	<input type="checkbox"/> VI
<input type="checkbox"/> DE	<input type="checkbox"/> MD	<input type="checkbox"/> ND	<input type="checkbox"/> VA
<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
<input type="checkbox"/> FL	<input type="checkbox"/> MI	<input type="checkbox"/> OK	<input type="checkbox"/> WV
<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	<input type="checkbox"/> Other:
<input type="checkbox"/> ID	<input type="checkbox"/> MT	<input type="checkbox"/> RI	

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW ADVISER, L.L.C. (RELYING ADVISER)

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
<input type="checkbox"/> AK	<input type="checkbox"/> IN	<input type="checkbox"/> NV	<input type="checkbox"/> SD
<input type="checkbox"/> AZ	<input type="checkbox"/> IA	<input type="checkbox"/> NH	<input type="checkbox"/> TN
<input type="checkbox"/> AR	<input type="checkbox"/> KS	<input type="checkbox"/> NJ	<input type="checkbox"/> TX
<input type="checkbox"/> CA	<input type="checkbox"/> KY	<input type="checkbox"/> NM	<input type="checkbox"/> UT
<input type="checkbox"/> CO	<input type="checkbox"/> LA	<input checked="" type="checkbox"/> NY	<input type="checkbox"/> VT
<input type="checkbox"/> CT	<input type="checkbox"/> ME	<input type="checkbox"/> NC	<input type="checkbox"/> VI
<input type="checkbox"/> DE	<input type="checkbox"/> MD	<input type="checkbox"/> ND	<input type="checkbox"/> VA
<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
<input type="checkbox"/> FL	<input type="checkbox"/> MI	<input type="checkbox"/> OK	<input type="checkbox"/> WV
<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	<input type="checkbox"/> Other:
<input type="checkbox"/> ID	<input type="checkbox"/> MT	<input type="checkbox"/> RI	

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW DIRECT CAPITAL, L.L.C. (RELYING ADVISER)

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
<input type="checkbox"/> AK	<input type="checkbox"/> IN	<input type="checkbox"/> NV	<input type="checkbox"/> SD
<input type="checkbox"/> AZ	<input type="checkbox"/> IA	<input type="checkbox"/> NH	<input type="checkbox"/> TN
<input type="checkbox"/> AR	<input type="checkbox"/> KS	<input type="checkbox"/> NJ	<input type="checkbox"/> TX
<input type="checkbox"/> CA	<input type="checkbox"/> KY	<input type="checkbox"/> NM	<input type="checkbox"/> UT
<input type="checkbox"/> CO	<input type="checkbox"/> LA	<input checked="" type="checkbox"/> NY	<input type="checkbox"/> VT
<input type="checkbox"/> CT	<input type="checkbox"/> ME	<input type="checkbox"/> NC	<input type="checkbox"/> VI
<input type="checkbox"/> DE	<input type="checkbox"/> MD	<input type="checkbox"/> ND	<input type="checkbox"/> VA
<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
<input type="checkbox"/> FL	<input type="checkbox"/> MI	<input type="checkbox"/> OK	<input type="checkbox"/> WV
<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	<input type="checkbox"/> Other:

ID MT RI

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW ADVISER III, L.L.C. (RELYING ADVISER)

Jurisdictions

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NE
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 NC
 ND
 OH
 OK
 OR
 PA
 PR
 RI

SC
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 UT
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 VI
 VA
 WA
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 WI
 WY
 Other:

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW (SINGAPORE) PTE. LTD. (RELYING ADVISER)

Jurisdictions

AL
 AK
 AZ
 AR
 CA
 CO
 CT
 DE
 DC
 FL
 GA
 GU
 HI
 ID

IL
 IN
 IA
 KS
 KY
 LA
 ME
 MD
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NE
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 NM
 NY
 NC
 ND
 OH
 OK
 OR
 PA
 PR
 RI

SC
 SD
 TN
 TX
 UT
 VT
 VI
 VA
 WA
 WV
 WI
 WY
 Other: SINGAPORE

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW ESC ADVISER, L.L.C. (RELYING ADVISER)

Jurisdictions

AL
 AK
 AZ
 AR
 CA
 CO
 CT
 DE

IL
 IN
 IA
 KS
 KY
 LA
 ME
 MD

NE
 NV
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 VA

<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
<input type="checkbox"/> FL	<input type="checkbox"/> MI	<input type="checkbox"/> OK	<input type="checkbox"/> WV
<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	<input type="checkbox"/> Other:
<input type="checkbox"/> ID	<input type="checkbox"/> MT	<input type="checkbox"/> RI	

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW ALKALI ADVISER VI, L.L.C. (RELYING ADVISER)

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
<input type="checkbox"/> AK	<input type="checkbox"/> IN	<input type="checkbox"/> NV	<input type="checkbox"/> SD
<input type="checkbox"/> AZ	<input type="checkbox"/> IA	<input type="checkbox"/> NH	<input type="checkbox"/> TN
<input type="checkbox"/> AR	<input type="checkbox"/> KS	<input type="checkbox"/> NJ	<input type="checkbox"/> TX
<input type="checkbox"/> CA	<input type="checkbox"/> KY	<input type="checkbox"/> NM	<input type="checkbox"/> UT
<input type="checkbox"/> CO	<input type="checkbox"/> LA	<input checked="" type="checkbox"/> NY	<input type="checkbox"/> VT
<input type="checkbox"/> CT	<input type="checkbox"/> ME	<input type="checkbox"/> NC	<input type="checkbox"/> VI
<input type="checkbox"/> DE	<input type="checkbox"/> MD	<input type="checkbox"/> ND	<input type="checkbox"/> VA
<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
<input type="checkbox"/> FL	<input type="checkbox"/> MI	<input type="checkbox"/> OK	<input type="checkbox"/> WV
<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	<input type="checkbox"/> Other:
<input type="checkbox"/> ID	<input type="checkbox"/> MT	<input type="checkbox"/> RI	

List your other business names and the jurisdictions in which you use them. You must complete a separate Schedule D Section 1.B. for each business name.

Name: D. E. SHAW DIOPTER ADVISER, L.L.C. (RELYING ADVISER)

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
<input type="checkbox"/> AK	<input type="checkbox"/> IN	<input type="checkbox"/> NV	<input type="checkbox"/> SD
<input type="checkbox"/> AZ	<input type="checkbox"/> IA	<input type="checkbox"/> NH	<input type="checkbox"/> TN
<input type="checkbox"/> AR	<input type="checkbox"/> KS	<input type="checkbox"/> NJ	<input type="checkbox"/> TX
<input type="checkbox"/> CA	<input type="checkbox"/> KY	<input type="checkbox"/> NM	<input type="checkbox"/> UT
<input type="checkbox"/> CO	<input type="checkbox"/> LA	<input checked="" type="checkbox"/> NY	<input type="checkbox"/> VT
<input type="checkbox"/> CT	<input type="checkbox"/> ME	<input type="checkbox"/> NC	<input type="checkbox"/> VI
<input type="checkbox"/> DE	<input type="checkbox"/> MD	<input type="checkbox"/> ND	<input type="checkbox"/> VA
<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
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<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	<input type="checkbox"/> Other:
<input type="checkbox"/> ID	<input type="checkbox"/> MT	<input type="checkbox"/> RI	

SECTION 1.F. Other Offices

Complete the following information for each office, other than your *principal office and place of business*, at which you conduct investment advisory business. You must complete a separate Schedule D Section 1.F. for each location. If you are applying for SEC registration, if you are registered only with the SEC, or if you are an *exempt reporting adviser*, list only the largest twenty-five offices (in terms of numbers of *employees*).

Number and Street 1:
2735 SAND HILL ROAD

City:
MENLO PARK

State:
California

Number and Street 2:
SUITE 105

Country:
United States

ZIP+4/Postal Code:
94025

If this address is a private residence, check this box:

Telephone Number:

650-526-4300

Facsimile Number, if any:

650-526-4301

If this office location is also required to be registered with FINRA or a *state securities authority* as a branch office location for a broker-dealer or investment adviser on the Uniform Branch Office Registration Form (Form BR), please provide the *CRD* Branch Number here:

How many *employees* perform investment advisory functions from this office location?

3

Are other business activities conducted at this office location? (check all that apply)

- (1) Broker-dealer (registered or unregistered)
- (2) Bank (including a separately identifiable department or division of a bank)
- (3) Insurance broker or agent
- (4) Commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (5) Registered municipal advisor
- (6) Accountant or accounting firm
- (7) Lawyer or law firm

Describe any other *investment-related* business activities conducted from this office location:

Complete the following information for each office, other than your *principal office and place of business*, at which you conduct investment advisory business. You must complete a separate Schedule D Section 1.F. for each location. If you are applying for SEC registration, if you are registered only with the SEC, or if you are an *exempt reporting adviser*, list only the largest twenty-five offices (in terms of numbers of *employees*).

Number and Street 1:

821 ALEXANDER ROAD

Number and Street 2:

SUITE 202

City:

PRINCETON

State:

New Jersey

Country:

United States

ZIP+4/Postal Code:

08540

If this address is a private residence, check this box:

Telephone Number:

212-478-0000

Facsimile Number, if any:

212-478-0100

If this office location is also required to be registered with FINRA or a *state securities authority* as a branch office location for a broker-dealer or investment adviser on the Uniform Branch Office Registration Form (Form BR), please provide the *CRD* Branch Number here:

How many *employees* perform investment advisory functions from this office location?

2

Are other business activities conducted at this office location? (check all that apply)

- (1) Broker-dealer (registered or unregistered)
- (2) Bank (including a separately identifiable department or division of a bank)
- (3) Insurance broker or agent
- (4) Commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (5) Registered municipal advisor
- (6) Accountant or accounting firm
- (7) Lawyer or law firm

Describe any other *investment-related* business activities conducted from this office location:

Complete the following information for each office, other than your *principal office and place of business*, at which you conduct investment advisory business. You must complete a separate Schedule D Section 1.F. for each location. If you are applying for SEC registration, if you are registered only with the SEC, or if you are an *exempt reporting adviser*, list only the largest twenty-five offices (in terms of numbers of *employees*).

Number and Street 1:

Number and Street 2:

555 THEODORE FREMD AVENUE

SUITE C300

City:
WESTCHESTER

State:
New York

Country:
United States

ZIP+4/Postal Code:
10580

If this address is a private residence, check this box:

Telephone Number:
212-478-0000

Facsimile Number, if any:
212-478-0100

If this office location is also required to be registered with FINRA or a *state securities authority* as a branch office location for a broker-dealer or investment adviser on the Uniform Branch Office Registration Form (Form BR), please provide the *CRD* Branch Number here:

How many *employees* perform investment advisory functions from this office location?
0

Are other business activities conducted at this office location? (check all that apply)

- (1) Broker-dealer (registered or unregistered)
- (2) Bank (including a separately identifiable department or division of a bank)
- (3) Insurance broker or agent
- (4) Commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (5) Registered municipal advisor
- (6) Accountant or accounting firm
- (7) Lawyer or law firm

Describe any other *investment-related* business activities conducted from this office location:

Complete the following information for each office, other than your *principal office and place of business*, at which you conduct investment advisory business. You must complete a separate Schedule D Section 1.F. for each location. If you are applying for SEC registration, if you are registered only with the SEC, or if you are an *exempt reporting adviser*, list only the largest twenty-five offices (in terms of numbers of *employees*).

Number and Street 1:
180 LINDEN STREET

City:
WELLESLEY

State:
Massachusetts

Number and Street 2:
SECOND FLOOR

Country:
United States

ZIP+4/Postal Code:
02482

If this address is a private residence, check this box:

Telephone Number:
212-478-0000

Facsimile Number, if any:
212-478-0100

If this office location is also required to be registered with FINRA or a *state securities authority* as a branch office location for a broker-dealer or investment adviser on the Uniform Branch Office Registration Form (Form BR), please provide the *CRD* Branch Number here:

How many *employees* perform investment advisory functions from this office location?
4

Are other business activities conducted at this office location? (check all that apply)

- (1) Broker-dealer (registered or unregistered)
- (2) Bank (including a separately identifiable department or division of a bank)
- (3) Insurance broker or agent
- (4) Commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (5) Registered municipal advisor
- (6) Accountant or accounting firm
- (7) Lawyer or law firm

Describe any other *investment-related* business activities conducted from this office location:

Complete the following information for each office, other than your *principal office and place of business*, at which you conduct investment advisory business. You must complete a separate Schedule D Section 1.F. for each location. If you are applying for SEC registration, if you are registered only with the SEC, or if you are an *exempt reporting adviser*, list only the largest twenty-five offices (in terms of numbers of *employees*).

Number and Street 1:
7300 COLLEGE BOULEVARD

City:
OVERLAND PARK

State:
Kansas

Number and Street 2:
SUITE 620

Country:
United States

ZIP+4/Postal Code:
66210

If this address is a private residence, check this box:

Telephone Number:
212-478-0050

Facsimile Number, if any:
212-478-0060

If this office location is also required to be registered with FINRA or a *state securities authority* as a branch office location for a broker-dealer or investment adviser on the Uniform Branch Office Registration Form (Form BR), please provide the *CRD* Branch Number here:

How many *employees* perform investment advisory functions from this office location?
1

Are other business activities conducted at this office location? (check all that apply)

- (1) Broker-dealer (registered or unregistered)
- (2) Bank (including a separately identifiable department or division of a bank)
- (3) Insurance broker or agent
- (4) Commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (5) Registered municipal advisor
- (6) Accountant or accounting firm
- (7) Lawyer or law firm

Describe any other *investment-related* business activities conducted from this office location:

Complete the following information for each office, other than your *principal office and place of business*, at which you conduct investment advisory business. You must complete a separate Schedule D Section 1.F. for each location. If you are applying for SEC registration, if you are registered only with the SEC, or if you are an *exempt reporting adviser*, list only the largest twenty-five offices (in terms of numbers of *employees*).

Number and Street 1:
3960 HOWARD HUGHES PARKWAY

City:
LAS VEGAS

State:
Nevada

Number and Street 2:
SUITE 500, OFFICE 509

Country:
United States

ZIP+4/Postal Code:
89169

If this address is a private residence, check this box:

Telephone Number:
212-478-0000

Facsimile Number, if any:
212-478-0100

If this office location is also required to be registered with FINRA or a *state securities authority* as a branch office location for a broker-dealer or investment adviser on the Uniform Branch Office Registration Form (Form BR), please provide the *CRD* Branch Number here:

How many *employees* perform investment advisory functions from this office location?
1

Are other business activities conducted at this office location? (check all that apply)

- (1) Broker-dealer (registered or unregistered)
- (2) Bank (including a separately identifiable department or division of a bank)
- (3) Insurance broker or agent
- (4) Commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (5) Registered municipal advisor
- (6) Accountant or accounting firm
- (7) Lawyer or law firm

Describe any other *investment-related* business activities conducted from this office location:

List your website addresses, including addresses for accounts on publicly available social media platforms where you control the content (including, but not limited to, Twitter, Facebook and/or LinkedIn). You must complete a separate Schedule D Section 1.I. for each website or account on a publicly available social media platform.

Address of Website/Account on Publicly Available Social Media Platform: https://www.glassdoor.com/Overview/Working-at-D-E-Shaw-and-Co-Investment-Firm-EI_IE29290.11,42.htm

Address of Website/Account on Publicly Available Social Media Platform: <https://www.youtube.com/channel/UCTapQuEwzIFwGNaphDrWjew>

Address of Website/Account on Publicly Available Social Media Platform: https://medium.com/@the_d._e._shaw_group

Address of Website/Account on Publicly Available Social Media Platform: <https://github.com/deshaw>

Address of Website/Account on Publicly Available Social Media Platform: <http://www.deshaw.com/>

Address of Website/Account on Publicly Available Social Media Platform: <https://www.indeed.com/cmp/D.-E.-Shaw-&-Co.-.-Investment-Firm>

Address of Website/Account on Publicly Available Social Media Platform: <https://builtin.com/company/d-e-shaw-group>

Address of Website/Account on Publicly Available Social Media Platform: <https://www.builtinnyc.com/company/d-e-shaw-group>

Address of Website/Account on Publicly Available Social Media Platform: <https://www.facebook.com/profile.php?id=100076885534092>

Address of Website/Account on Publicly Available Social Media Platform: <https://www.linkedin.com/company/d.-e.-shaw-&-co.>

Address of Website/Account on Publicly Available Social Media Platform: <https://twitter.com/DESHAWGROUP>

Address of Website/Account on Publicly Available Social Media Platform: <https://www.google.com/> (The D. E. Shaw Group business profile)

Address of Website/Account on Publicly Available Social Media Platform: <https://www.instagram.com/thedeshawgroup/>

Address of Website/Account on Publicly Available Social Media Platform: <https://www.threads.net/@thedeshawgroup>

Address of Website/Account on Publicly Available Social Media Platform: <https://app.joinhandshake.com/emp/employers/24124>

SECTION 1.L. Location of Books and Records

Complete the following information for each location at which you keep your books and records, other than your *principal office and place of business*. You must complete a separate Schedule D, Section 1.L. for each location.

Name of entity where books and records are kept:
MICROSOFT CORPORATION

Number and Street 1:
ONE MICROSOFT WAY

Number and Street 2:

City: REDMOND State: Washington Country: United States ZIP+4/Postal Code: 98052

If this address is a private residence, check this box:

Telephone Number: 425-882-8080 Facsimile number, if any:

This is (check one):

- one of your branch offices or affiliates.
- a third-party unaffiliated recordkeeper.
- other.

Briefly describe the books and records kept at this location.
ELECTRONIC COPIES OF CERTAIN BOOKS AND RECORDS.

Name of entity where books and records are kept:
STELLUS CAPITAL MANAGEMENT, LLC

Number and Street 1: 4400 POST OAK PARKWAY Number and Street 2: SUITE 2200
City: HOUSTON State: Texas Country: United States ZIP+4/Postal Code: 77027

If this address is a private residence, check this box:

Telephone Number: 713-292-5400 Facsimile number, if any:

This is (check one):

- one of your branch offices or affiliates.
- a third-party unaffiliated recordkeeper.
- other.

Briefly describe the books and records kept at this location.
EXCEPT AS OTHERWISE DETAILED HEREIN, ALL REQUIRED BOOKS AND RECORDS ARE MAINTAINED IN ACCORDANCE WITH RULE 204-2 EITHER AT ADVISER'S PRINCIPAL OFFICE OR WITH STELLUS CAPITAL MANAGEMENT, LLC, AS SUB-ADVISER.

Name of entity where books and records are kept:
AMAZON WEB SERVICES, INC.

Number and Street 1: 410 TERRY AVENUE NORTH Number and Street 2:
City: SEATTLE State: Washington Country: United States ZIP+4/Postal Code: 98109

If this address is a private residence, check this box:

Telephone Number: 206-266-1000 Facsimile number, if any:

This is (check one):

- one of your branch offices or affiliates.
- a third-party unaffiliated recordkeeper.
- other.

Briefly describe the books and records kept at this location.
ELECTRONIC COPIES OF CERTAIN BOOKS AND RECORDS.

Name of entity where books and records are kept:

IRON MOUNTAIN

Number and Street 1:

22 KIMBERLY ROAD

Number and Street 2:

City:

EAST BRUNSWICK

State:

New Jersey

Country:

United States

ZIP+4/Postal Code:

08816

If this address is a private residence, check this box:

Telephone Number:

732-651-2800

Facsimile number, if any:

732-651-2899

This is (check one):

- one of your branch offices or affiliates.
- a third-party unaffiliated recordkeeper.
- other.

Briefly describe the books and records kept at this location.

ALL REQUIRED BOOKS AND RECORDS ARE MAINTAINED AT OUR PRINCIPAL OFFICE IN ACCORDANCE WITH RULE 204-2. CERTAIN RECORDS THAT ARE GREATER THAN 2 YEARS OLD MAY BE MAINTAINED AT IRON MOUNTAIN. THESE RECORDS MAY INCLUDE JOURNALS, GENERAL LEDGERS, PAID INVOICES, BANK STATEMENTS, SOFTWARE, AND OTHER ITEMS. IN ADDITION TO THIS LOCATION, IRON MOUNTAIN MAY DECIDE TO USE ALTERNATE SITES TO MAINTAIN OUR BOOKS AND RECORDS.

SECTION 1.M. Registration with Foreign Financial Regulatory Authorities

No Information Filed

Item 2 SEC Registration/Reporting

Responses to this Item help us (and you) determine whether you are eligible to register with the SEC. Complete this Item 2.A. only if you are applying for SEC registration or submitting an *annual updating amendment* to your SEC registration. If you are filing an *umbrella registration*, the information in Item 2 should be provided for the *filing adviser* only.

A. To register (or remain registered) with the SEC, you must check **at least one** of the Items 2.A.(1) through 2.A.(12), below. If you are submitting an *annual updating amendment* to your SEC registration and you are no longer eligible to register with the SEC, check Item 2.A.(13). [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the adviser):

- (1) are a **large advisory firm** that either:
- (a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or
- (b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;
- (2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:
- (a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or
- (b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;
- Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.*
- (3) Reserved
- (4) have your *principal office and place of business* **outside the United States**;
- (5) are an **investment adviser (or subadviser) to an investment company** registered under the Investment Company Act of 1940;
- (6) are an **investment adviser to a company which has elected to be a business development company** pursuant to section 54 of the Investment Company Act of 1940 and has not withdrawn the election, and you have at least \$25 million of regulatory assets under management;
- (7) are a **pension consultant** with respect to assets of plans having an aggregate value of at least \$200,000,000 that qualifies for the exemption in rule 203A-2(a);
- (8) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled* by, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;
- If you check this box, complete [Section 2.A.\(8\) of Schedule D](#).*
- (9) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;
- If you check this box, complete [Section 2.A.\(9\) of Schedule D](#).*
- (10) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);
- If you check this box, complete [Section 2.A.\(10\) of Schedule D](#).*

- (11) are an **Internet adviser** relying on rule 203A-2(e);
- (12) have **received an SEC order** exempting you from the prohibition against registration with the SEC;

If you check this box, complete Section 2.A.(12) of Schedule D.

- (13) are **no longer eligible** to remain registered with the SEC.

State Securities Authority Notice Filings and State Reporting by Exempt Reporting Advisers

C. Under state laws, SEC-registered advisers may be required to provide to *state securities authorities* a copy of the Form ADV and any amendments they file with the SEC. These are called *notice filings*. In addition, *exempt reporting advisers* may be required to provide *state securities authorities* with a copy of reports and any amendments they file with the SEC. If this is an initial application or report, check the box(es) next to the state(s) that you would like to receive notice of this and all subsequent filings or reports you submit to the SEC. If this is an amendment to direct your *notice filings* or reports to additional state(s), check the box(es) next to the state(s) that you would like to receive notice of this and all subsequent filings or reports you submit to the SEC. If this is an amendment to your registration to stop your *notice filings* or reports from going to state(s) that currently receive them, uncheck the box(es) next to those state(s).

Jurisdictions

<input type="checkbox"/> AL	<input type="checkbox"/> IL	<input type="checkbox"/> NE	<input type="checkbox"/> SC
<input type="checkbox"/> AK	<input type="checkbox"/> IN	<input type="checkbox"/> NV	<input type="checkbox"/> SD
<input type="checkbox"/> AZ	<input type="checkbox"/> IA	<input type="checkbox"/> NH	<input type="checkbox"/> TN
<input type="checkbox"/> AR	<input type="checkbox"/> KS	<input type="checkbox"/> NJ	<input type="checkbox"/> TX
<input type="checkbox"/> CA	<input type="checkbox"/> KY	<input type="checkbox"/> NM	<input type="checkbox"/> UT
<input type="checkbox"/> CO	<input type="checkbox"/> LA	<input checked="" type="checkbox"/> NY	<input type="checkbox"/> VT
<input type="checkbox"/> CT	<input type="checkbox"/> ME	<input type="checkbox"/> NC	<input type="checkbox"/> VI
<input type="checkbox"/> DE	<input type="checkbox"/> MD	<input type="checkbox"/> ND	<input type="checkbox"/> VA
<input type="checkbox"/> DC	<input type="checkbox"/> MA	<input type="checkbox"/> OH	<input type="checkbox"/> WA
<input type="checkbox"/> FL	<input type="checkbox"/> MI	<input type="checkbox"/> OK	<input type="checkbox"/> WV
<input type="checkbox"/> GA	<input type="checkbox"/> MN	<input type="checkbox"/> OR	<input type="checkbox"/> WI
<input type="checkbox"/> GU	<input type="checkbox"/> MS	<input type="checkbox"/> PA	<input type="checkbox"/> WY
<input type="checkbox"/> HI	<input type="checkbox"/> MO	<input type="checkbox"/> PR	
<input type="checkbox"/> ID	<input type="checkbox"/> MT	<input type="checkbox"/> RI	

If you are amending your registration to stop your notice filings or reports from going to a state that currently receives them and you do not want to pay that state's notice filing or report filing fee for the coming year, your amendment must be filed before the end of the year (December 31).

SECTION 2.A.(8) Related Adviser

If you are relying on the exemption in rule 203A-2(b) from the prohibition on registration because you *control*, are *controlled by*, or are under common *control* with an investment adviser that is registered with the SEC and your *principal office and place of business* is the same as that of the registered adviser, provide the following information:

Name of Registered Investment Adviser

CRD Number of Registered Investment Adviser

SEC Number of Registered Investment Adviser

-

SECTION 2.A.(9) Investment Adviser Expecting to be Eligible for Commission Registration within 120 Days

If you are relying on rule 203A-2(c), the exemption from the prohibition on registration available to an adviser that expects to be eligible for SEC registration within 120 days, you are required to make certain representations about your eligibility for SEC registration. By checking the appropriate boxes, you will be deemed to have made the required representations. You must make both of these representations:

- I am not registered or required to be registered with the SEC or a *state securities authority* and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.
- I undertake to withdraw from SEC registration if, on the 120th day after my registration with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

SECTION 2.A.(10) Multi-State Adviser

If you are relying on rule 203A-2(d), the multi-state adviser exemption from the prohibition on registration, you are required to make certain representations about your eligibility for SEC registration. By checking the appropriate boxes, you will be deemed to have made the required representations.

If you are applying for registration as an investment adviser with the SEC, you must make both of these representations:

- I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state*

securities authorities in those states.

- I undertake to withdraw from SEC registration if I file an amendment to this registration indicating that I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.

If you are submitting your *annual updating amendment*, you must make this representation:

- Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.

SECTION 2.A.(12) SEC Exemptive Order

If you are relying upon an SEC *order* exempting you from the prohibition on registration, provide the following information:

Application Number:

803-

Date of *order*:

Item 3 Form of Organization

If you are filing an *umbrella registration*, the information in Item 3 should be provided for the *filing adviser* only.

A. How are you organized?

- Corporation
 Sole Proprietorship
 Limited Liability Partnership (LLP)
 Partnership
 Limited Liability Company (LLC)
 Limited Partnership (LP)
 Other (specify):

If you are changing your response to this Item, see Part 1A Instruction 4.

B. In what month does your fiscal year end each year?

DECEMBER

C. Under the laws of what state or country are you organized?

State Country
Delaware United States

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed. If you are a sole proprietor, provide the name of the state or country where you reside.

If you are changing your response to this Item, see Part 1A Instruction 4.

Item 4 Successions

- A. Are you, at the time of this filing, succeeding to the business of a registered investment adviser, including, for example, a change of your structure or legal status (e.g., form of organization or state of incorporation)? Yes No

If "yes", complete Item 4.B. and Section 4 of Schedule D.

B. Date of Succession: (MM/DD/YYYY)

If you have already reported this succession on a previous Form ADV filing, do not report the succession again. Instead, check "No." See Part 1A Instruction 4.

SECTION 4 Successions

No Information Filed

Item 5 Information About Your Advisory Business - Employees, Clients, and Compensation

Employees

If you are organized as a sole proprietorship, include yourself as an employee in your responses to Item 5.A. and Items 5.B.(1), (2), (3), (4), and (5). If an employee performs more than one function, you should count that employee in each of your responses to Items 5.B.(1), (2), (3), (4), and (5).

A. Approximately how many *employees* do you have? Include full- and part-time *employees* but do not include any clerical workers.

879

B. (1) Approximately how many of the *employees* reported in 5.A. perform investment advisory functions (including research)?

442

(2) Approximately how many of the *employees* reported in 5.A. are registered representatives of a broker-dealer?

39

(3) Approximately how many of the *employees* reported in 5.A. are registered with one or more *state securities authorities* as *investment adviser representatives*?

0

(4) Approximately how many of the *employees* reported in 5.A. are registered with one or more *state securities authorities* as *investment adviser representatives* for an investment adviser other than you?

0

(5) Approximately how many of the *employees* reported in 5.A. are licensed agents of an insurance company or agency?

0

(6) Approximately how many firms or other *persons* solicit advisory *clients* on your behalf?

0

In your response to Item 5.B.(6), do not count any of your *employees* and count a firm only once – do not count each of the firm's *employees* that solicit on your behalf.

Clients

In your responses to Items 5.C. and 5.D. do not include as "clients" the investors in a private fund you advise, unless you have a separate advisory relationship with those investors.

C. (1) To approximately how many *clients* for whom you do not have regulatory assets under management did you provide investment advisory services during your most recently completed fiscal year?

0

(2) Approximately what percentage of your *clients* are non-United States persons?

23%

D. For purposes of this Item 5.D., the category "individuals" includes trusts, estates, and 401(k) plans and IRAs of individuals and their family members, but does not include businesses organized as sole proprietorships.

The category "business development companies" consists of companies that have made an election pursuant to section 54 of the Investment Company Act of 1940. Unless you provide advisory services pursuant to an investment advisory contract to an investment company registered under the Investment Company Act of 1940, do not answer (1)(d) or (3)(d) below.

Indicate the approximate number of your *clients* and amount of your total regulatory assets under management (reported in Item 5.F. below) attributable to each of the following type of *client*. If you have fewer than 5 *clients* in a particular category (other than (d), (e), and (f)) you may check Item 5.D.(2) rather than respond to Item 5.D.(1).

The aggregate amount of regulatory assets under management reported in Item 5.D.(3) should equal the total amount of regulatory assets under management reported in Item 5.F.(2)(c) below.

If a *client* fits into more than one category, select one category that most accurately represents the *client* to avoid double counting *clients* and assets. If you advise a registered investment company, business development company, or pooled investment vehicle, report those assets in categories (d), (e), and (f) as applicable.

Type of Client	(1) Number of Client(s)	(2) Fewer than 5 Clients	(3) Amount of Regulatory Assets under Management
(a) Individuals (other than <i>high net worth individuals</i>)		<input type="checkbox"/>	\$
(b) <i>High net worth individuals</i>		<input type="checkbox"/>	\$
(c) Banking or thrift institutions		<input type="checkbox"/>	\$
(d) Investment companies			\$
(e) Business development companies			\$
(f) Pooled investment vehicles (other than investment companies and business development companies)	31		\$ 120,474,556,565
(g) Pension and profit sharing plans (but not the plan participants or government pension plans)		<input type="checkbox"/>	\$
(h) Charitable organizations		<input type="checkbox"/>	\$
(i) State or municipal <i>government entities</i> (including government pension plans)		<input type="checkbox"/>	\$

(j) Other investment advisers		<input type="checkbox"/>	\$
(k) Insurance companies		<input type="checkbox"/>	\$
(l) Sovereign wealth funds and foreign official institutions		<input type="checkbox"/>	\$
(m) Corporations or other businesses not listed above		<input type="checkbox"/>	\$
(n) Other:		<input type="checkbox"/>	\$

Compensation Arrangements

E. You are compensated for your investment advisory services by (check all that apply):

- (1) A percentage of assets under your management
- (2) Hourly charges
- (3) Subscription fees (for a newsletter or periodical)
- (4) Fixed fees (other than subscription fees)
- (5) Commissions
- (6) *Performance-based fees*
- (7) Other (specify): REIMBURSEMENT OF CERTAIN EXPENSES

Item 5 Information About Your Advisory Business - Regulatory Assets Under Management

Regulatory Assets Under Management

F. (1) Do you provide continuous and regular supervisory or management services to securities portfolios? Yes No

(2) If yes, what is the amount of your regulatory assets under management and total number of accounts?

	U.S. Dollar Amount	Total Number of Accounts
Discretionary:	(a) \$ 120,474,556,565	(d) 31
Non-Discretionary:	(b) \$ 0	(e) 0
Total:	(c) \$ 120,474,556,565	(f) 31

Part 1A Instruction 5.b. explains how to calculate your regulatory assets under management. You must follow these instructions carefully when completing this Item.

(3) What is the approximate amount of your total regulatory assets under management (reported in Item 5.F.(2)(c) above) attributable to *clients* who are non-United States persons?

\$ 19,278,360,561

Item 5 Information About Your Advisory Business - Advisory Activities

Advisory Activities

G. What type(s) of advisory services do you provide? Check all that apply.

- (1) Financial planning services
- (2) Portfolio management for individuals and/or small businesses
- (3) Portfolio management for investment companies (as well as "business development companies" that have made an election pursuant to section 54 of the Investment Company Act of 1940)
- (4) Portfolio management for pooled investment vehicles (other than investment companies)
- (5) Portfolio management for businesses (other than small businesses) or institutional *clients* (other than registered investment companies and other pooled investment vehicles)
- (6) Pension consulting services
- (7) Selection of other advisers (including *private fund* managers)
- (8) Publication of periodicals or newsletters
- (9) Security ratings or pricing services
- (10) Market timing services
- (11) Educational seminars/workshops
- (12) Other(specify):

Do not check Item 5.G.(3) unless you provide advisory services pursuant to an investment advisory contract to an investment company registered under the Investment Company Act of 1940, including as a subadviser. If you check Item 5.G.(3), report the 811 or 814 number of the investment company or investment companies to which you provide advice in Section 5.G.(3) of Schedule D.

H. If you provide financial planning services, to how many *clients* did you provide these services during your last fiscal year?

- 0
 - 1 - 10
 - 11 - 25
 - 26 - 50
 - 51 - 100
 - 101 - 250
 - 251 - 500
 - More than 500
- If more than 500, how many?
(round to the nearest 500)

In your responses to this Item 5.H., do not include as "clients" the investors in a private fund you advise, unless you have a separate advisory relationship with those investors.

Yes No

I. (1) Do you participate in a *wrap fee program*?

(2) If you participate in a *wrap fee program*, what is the amount of your regulatory assets under management attributable to acting as:

(a) *sponsor* to a *wrap fee program*

\$

(b) portfolio manager for a *wrap fee program*?

\$

(c) *sponsor* to and portfolio manager for the same *wrap fee program*?

\$

If you report an amount in Item 5.I.(2)(c), do not report that amount in Item 5.I.(2)(a) or Item 5.I.(2)(b).

If you are a portfolio manager for a *wrap fee program*, list the names of the programs, their sponsors and related information in Section 5.I.(2) of Schedule D.

If your involvement in a *wrap fee program* is limited to recommending *wrap fee programs* to your clients, or you advise a mutual fund that is offered through a *wrap fee program*, do not check Item 5.I.(1) or enter any amounts in response to Item 5.I.(2).

Yes No

J. (1) In response to Item 4.B. of Part 2A of Form ADV, do you indicate that you provide investment advice only with respect to limited types of investments?

(2) Do you report *client* assets in Item 4.E. of Part 2A that are computed using a different method than the method used to compute your regulatory assets under management?

K. Separately Managed Account *Clients*

Yes No

(1) Do you have regulatory assets under management attributable to *clients* other than those listed in Item 5.D.(3)(d)-(f) (separately managed account *clients*)?

If yes, complete Section 5.K.(1) of Schedule D.

(2) Do you engage in borrowing transactions on behalf of any of the separately managed account *clients* that you advise?

If yes, complete Section 5.K.(2) of Schedule D.

(3) Do you engage in derivative transactions on behalf of any of the separately managed account *clients* that you advise?

If yes, complete Section 5.K.(2) of Schedule D.

(4) After subtracting the amounts in Item 5.D.(3)(d)-(f) above from your total regulatory assets under management, does any custodian hold ten percent or more of this remaining amount of regulatory assets under management?

If yes, complete Section 5.K.(3) of Schedule D for each custodian.

L. Marketing Activities

Yes No

(1) Do any of your *advertisements* include:

(a) Performance results?

(b) A reference to specific investment advice provided by you (as that phrase is used in rule 206(4)-1(a)(5))?

(c) *Testimonials* (other than those that satisfy rule 206(4)-1(b)(4)(ii))?

(d) *Endorsements* (other than those that satisfy rule 206(4)-1(b)(4)(ii))?

(e) *Third-party ratings*?

(2) If you answer "yes" to L(1)(c), (d), or (e) above, do you pay or otherwise provide cash or non-cash compensation, directly or indirectly, in connection with the use of *testimonials*, *endorsements*, or *third-party ratings*?

(3) Do any of your *advertisements* include *hypothetical performance*?

(4) Do any of your *advertisements* include *predecessor performance*?

SECTION 5.G.(3) Advisers to Registered Investment Companies and Business Development Companies

No Information Filed

SECTION 5.I.(2) Wrap Fee Programs

No Information Filed

SECTION 5.K.(1) Separately Managed Accounts

After subtracting the amounts reported in Item 5.D.(3)(d)-(f) from your total regulatory assets under management, indicate the approximate percentage of this remaining amount attributable to each of the following categories of assets. If the remaining amount is at least \$10 billion in regulatory assets under management, complete Question (a). If the remaining amount is less than \$10 billion in regulatory assets under management, complete Question (b).

Any regulatory assets under management reported in Item 5.D.(3)(d), (e), and (f) should not be reported below.

If you are a subadviser to a separately managed account, you should only provide information with respect to the portion of the account that you subadvise.

End of year refers to the date used to calculate your regulatory assets under management for purposes of your *annual updating amendment*. Mid-year is the date six months before the end of year date. Each column should add up to 100% and numbers should be rounded to the nearest percent.

Investments in derivatives, registered investment companies, business development companies, and pooled investment vehicles should be reported in those categories. Do not report those investments based on related or underlying portfolio assets. Cash equivalents include bank deposits, certificates of deposit, bankers' acceptances and similar bank instruments.

Some assets could be classified into more than one category or require discretion about which category applies. You may use your own internal methodologies and the conventions of your service providers in determining how to categorize assets, so long as the methodologies or conventions are consistently applied and consistent with information you report internally and to current and prospective clients. However, you should not double count assets, and your responses must be consistent with any instructions or other guidance relating to this Section.

(a)

Asset Type	Mid-year	End of year
(i) Exchange-Traded Equity Securities	%	%
(ii) Non Exchange-Traded Equity Securities	%	%
(iii) U.S. Government/Agency Bonds	%	%
(iv) U.S. State and Local Bonds	%	%
(v) <i>Sovereign Bonds</i>	%	%
(vi) Investment Grade Corporate Bonds	%	%
(vii) Non-Investment Grade Corporate Bonds	%	%
(viii) Derivatives	%	%
(ix) Securities Issued by Registered Investment Companies or Business Development Companies	%	%
(x) Securities Issued by Pooled Investment Vehicles (other than Registered Investment Companies or Business Development Companies)	%	%
(xi) Cash and Cash Equivalents	%	%
(xii) Other	%	%

Generally describe any assets included in "Other"

(b)

Asset Type	End of year
(i) Exchange-Traded Equity Securities	%
(ii) Non Exchange-Traded Equity Securities	%
(iii) U.S. Government/Agency Bonds	%
(iv) U.S. State and Local Bonds	%
(v) <i>Sovereign Bonds</i>	%
(vi) Investment Grade Corporate Bonds	%
(vii) Non-Investment Grade Corporate Bonds	%
(viii) Derivatives	%
(ix) Securities Issued by Registered Investment Companies or Business Development Companies	%
(x) Securities Issued by Pooled Investment Vehicles (other than Registered Investment Companies or Business Development Companies)	%
(xi) Cash and Cash Equivalents	%
(xii) Other	%

Generally describe any assets included in "Other"

No information is required to be reported in this Section 5.K.(2) per the instructions of this Section 5.K.(2)

If your regulatory assets under management attributable to separately managed accounts are at least \$10 billion, you should complete Question (a). If your regulatory assets under management attributable to separately managed accounts are at least \$500 million but less than \$10 billion, you should complete Question (b).

(a) In the table below, provide the following information regarding the separately managed accounts you advise. If you are a subadviser to a separately managed account, you should only provide information with respect to the portion of the account that you subadvise. End of year refers to the date used to calculate your regulatory assets under management for purposes of your *annual updating amendment*. Mid-year is the date six months before the end of year date.

In column 1, indicate the regulatory assets under management attributable to separately managed accounts associated with each level of gross notional exposure. For purposes of this table, the gross notional exposure of an account is the percentage obtained by dividing (i) the sum of (a) the dollar amount of any *borrowings* and (b) the *gross notional value* of all derivatives, by (ii) the regulatory assets under management of the account.

In column 2, provide the dollar amount of *borrowings* for the accounts included in column 1.

In column 3, provide aggregate *gross notional value* of derivatives divided by the aggregate regulatory assets under management of the accounts included in column 1 with respect to each category of derivatives specified in 3(a) through (f).

You may, but are not required to, complete the table with respect to any separately managed account with regulatory assets under management of less than \$10,000,000.

Any regulatory assets under management reported in Item 5.D.(3)(d), (e), and (f) should not be reported below.

(i) Mid-Year

Gross Notional Exposure	(1) Regulatory Assets Under Management	(2) Borrowings	(3) Derivative Exposures					
			(a) Interest Rate Derivative	(b) Foreign Exchange Derivative	(c) Credit Derivative	(d) Equity Derivative	(e) Commodity Derivative	(f) Other Derivative
Less than 10%	\$	\$	%	%	%	%	%	%
10-149%	\$	\$	%	%	%	%	%	%
150% or more	\$	\$	%	%	%	%	%	%

Optional: Use the space below to provide a narrative description of the strategies and/or manner in which *borrowings* and derivatives are used in the management of the separately managed accounts that you advise.

(ii) End of Year

Gross Notional Exposure	(1) Regulatory Assets Under Management	(2) Borrowings	(3) Derivative Exposures					
			(a) Interest Rate Derivative	(b) Foreign Exchange Derivative	(c) Credit Derivative	(d) Equity Derivative	(e) Commodity Derivative	(f) Other Derivative
Less than 10%	\$	\$	%	%	%	%	%	%
10-149%	\$	\$	%	%	%	%	%	%
150% or more	\$	\$	%	%	%	%	%	%

Optional: Use the space below to provide a narrative description of the strategies and/or manner in which *borrowings* and derivatives are used in the management of the separately managed accounts that you advise.

(b) In the table below, provide the following information regarding the separately managed accounts you advise as of the date used to calculate your regulatory assets under management for purposes of your *annual updating amendment*. If you are a subadviser to a separately managed account, you should only provide information with respect to the portion of the account that you subadvise.

In column 1, indicate the regulatory assets under management attributable to separately managed accounts associated with each level of gross notional exposure. For purposes of this table, the gross notional exposure of an account is the percentage obtained by dividing (i) the sum of (a) the dollar amount of any *borrowings* and (b) the *gross notional value* of all derivatives, by (ii) the regulatory assets under management of the account.

In column 2, provide the dollar amount of *borrowings* for the accounts included in column 1.

You may, but are not required to, complete the table with respect to any separately managed accounts with regulatory assets under management of less than \$10,000,000.

Any regulatory assets under management reported in Item 5.D.(3)(d), (e), and (f) should not be reported below.

Gross Notional Exposure	(1) Regulatory Assets Under Management	(2) Borrowings
Less than 10%	\$	\$
10-149%	\$	\$
150% or more	\$	\$

Optional: Use the space below to provide a narrative description of the strategies and/or manner in which *borrowings* and derivatives are used in the management of the separately managed accounts that you advise.

SECTION 5.K.(3) Custodians for Separately Managed Accounts

No Information Filed

Item 6 Other Business Activities

In this Item, we request information about your firm's other business activities.

A. You are actively engaged in business as a (check all that apply):

- (1) broker-dealer (registered or unregistered)
- (2) registered representative of a broker-dealer
- (3) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (4) futures commission merchant
- (5) real estate broker, dealer, or agent
- (6) insurance broker or agent
- (7) bank (including a separately identifiable department or division of a bank)
- (8) trust company
- (9) registered municipal advisor
- (10) registered security-based swap dealer
- (11) major security-based swap participant
- (12) accountant or accounting firm
- (13) lawyer or law firm
- (14) other financial product salesperson (specify):

If you engage in other business using a name that is different from the names reported in Items 1.A. or 1.B.(1), complete Section 6.A. of Schedule D.

- B. (1) Are you actively engaged in any other business not listed in Item 6.A. (other than giving investment advice)? Yes No
- (2) If yes, is this other business your primary business? Yes No

If "yes," describe this other business on Section 6.B.(2) of Schedule D, and if you engage in this business under a different name, provide that name.

- (3) Do you sell products or provide services other than investment advice to your advisory *clients*? Yes No

If "yes," describe this other business on Section 6.B.(3) of Schedule D, and if you engage in this business under a different name, provide that name.

SECTION 6.A. Names of Your Other Businesses

No Information Filed

SECTION 6.B.(2) Description of Primary Business

Describe your primary business (not your investment advisory business):

If you engage in that business under a different name, provide that name:

SECTION 6.B.(3) Description of Other Products and Services

Describe other products or services you sell to your *client*. You may omit products and services that you listed in Section 6.B.(2) above.

If you engage in that business under a different name, provide that name:

Item 7 Financial Industry Affiliations

In this Item, we request information about your financial industry affiliations and activities. This information identifies areas in which conflicts of interest may occur between you and your *clients*.

A. This part of Item 7 requires you to provide information about you and your *related persons*, including foreign affiliates. Your *related persons* are all of your *advisory affiliates* and any *person* that is under common *control* with you.

You have a *related person* that is a (check all that apply):

- (1) broker-dealer, municipal securities dealer, or government securities broker or dealer (registered or unregistered)
- (2) other investment adviser (including financial planners)
- (3) registered municipal advisor
- (4) registered security-based swap dealer
- (5) major security-based swap participant
- (6) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (7) futures commission merchant
- (8) banking or thrift institution
- (9) trust company
- (10) accountant or accounting firm
- (11) lawyer or law firm
- (12) insurance company or agency
- (13) pension consultant
- (14) real estate broker or dealer
- (15) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (16) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Note that Item 7.A. should not be used to disclose that some of your employees perform investment advisory functions or are registered representatives of a broker-dealer. The number of your firm's employees who perform investment advisory functions should be disclosed under Item 5.B.(1). The number of your firm's employees who are registered representatives of a broker-dealer should be disclosed under Item 5.B.(2).

Note that if you are filing an umbrella registration, you should not check Item 7.A.(2) with respect to your relying advisers, and you do not have to complete Section 7.A. in Schedule D for your relying advisers. You should complete a Schedule R for each relying adviser.

For each related person, including foreign affiliates that may not be registered or required to be registered in the United States, complete Section 7.A. of Schedule D.

You do not need to complete Section 7.A. of Schedule D for any related person if: (1) you have no business dealings with the related person in connection with advisory services you provide to your clients; (2) you do not conduct shared operations with the related person; (3) you do not refer clients or business to the related person, and the related person does not refer prospective clients or business to you; (4) you do not share supervised persons or premises with the related person; and (5) you have no reason to believe that your relationship with the related person otherwise creates a conflict of interest with your clients.

You must complete Section 7.A. of Schedule D for each related person acting as qualified custodian in connection with advisory services you provide to your clients (other than any mutual fund transfer agent pursuant to rule 206(4)-2(b)(1)), regardless of whether you have determined the related person to be operationally independent under rule 206(4)-2 of the Advisers Act.

SECTION 7.A. Financial Industry Affiliations

Complete a separate Schedule D Section 7.A. for each *related person* listed in Item 7.A.

1. Legal Name of *Related Person*:
D. E. SHAW DIOPTER GENERAL PARTNER, L.L.C.
2. Primary Business Name of *Related Person*:
D. E. SHAW DIOPTER GENERAL PARTNER, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
-
or
Other
4. *Related Person's*
 - (a) *CRD* Number (if any):
 - (b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)
 - (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
 - (b) other investment adviser (including financial planners)
 - (c) registered municipal advisor
 - (d) registered security-based swap dealer
 - (e) major security-based swap participant
 - (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
 - (g) futures commission merchant
 - (h) banking or thrift institution
 - (i) trust company

- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*? Yes No
7. Are you and the *related person* under common *control*? Yes No
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*? Yes No
- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*? Yes No
- (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
- Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
 If this address is a private residence, check this box:
9. (a) If the *related person* is an investment adviser, is it exempt from registration? Yes No
- (b) If the answer is yes, under what exemption? _____
10. (a) Is the *related person* registered with a *foreign financial regulatory authority*? Yes No
- (b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

 No Information Filed
11. Do you and the *related person* share any *supervised persons*? Yes No
12. Do you and the *related person* share the same physical location? Yes No

1. Legal Name of *Related Person*:
 D. E. SHAW INVESTMENT MANAGEMENT, L.L.C.
2. Primary Business Name of *Related Person*:
 D. E. SHAW INVESTMENT MANAGEMENT, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
 801 - 64222
 or
 Other

4. *Related Person's*
- (a) *CRD* Number (if any):
 135284
- (b) CIK Number(s) (if any):
 No Information Filed

5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
 - (b) other investment adviser (including financial planners)
 - (c) registered municipal advisor
 - (d) registered security-based swap dealer
 - (e) major security-based swap participant
 - (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
 - (g) futures commission merchant
 - (h) banking or thrift institution
 - (i) trust company
 - (j) accountant or accounting firm
 - (k) lawyer or law firm
 - (l) insurance company or agency
 - (m) pension consultant
 - (n) real estate broker or dealer
 - (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles

(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

RENEWABLE ENERGY ASSETCO SIDECAR, L.L.C.

2. Primary Business Name of *Related Person*:

RENEWABLE ENERGY ASSETCO SIDECAR, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

(a) broker-dealer, municipal securities dealer, or government securities broker or dealer

(b) other investment adviser (including financial planners)

(c) registered municipal advisor

(d) registered security-based swap dealer

(e) major security-based swap participant

(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)

(g) futures commission merchant

(h) banking or thrift institution

(i) trust company

(j) accountant or accounting firm

(k) lawyer or law firm

(l) insurance company or agency

(m) pension consultant

(n) real estate broker or dealer

(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles

(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?
- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?
- (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
- Number and Street 1: _____ Number and Street 2: _____
City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
If this address is a private residence, check this box:
9. (a) If the *related person* is an investment adviser, is it exempt from registration? **Yes No**
(b) If the answer is yes, under what exemption?
10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?
(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.
No Information Filed
11. Do you and the *related person* share any *supervised persons*?
12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:
D. E. SHAW DIOPTER MANAGER, L.L.C.
2. Primary Business Name of *Related Person*:
D. E. SHAW DIOPTER MANAGER, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

or
Other
4. *Related Person's*
(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):
No Information Filed
5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
(b) other investment adviser (including financial planners)
(c) registered municipal advisor
(d) registered security-based swap dealer
(e) major security-based swap participant
(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
(g) futures commission merchant
(h) banking or thrift institution
(i) trust company
(j) accountant or accounting firm
(k) lawyer or law firm
(l) insurance company or agency
(m) pension consultant
(n) real estate broker or dealer
(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*? **Yes No**
7. Are you and the *related person* under common *control*?
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?
(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?
(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
Number and Street 1: _____ Number and Street 2: _____

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D.E. SHAW SECURITIES, L.L.C.

2. Primary Business Name of *Related Person*:

D.E. SHAW SECURITIES, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

8 - 40745

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

24332

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

(a) broker-dealer, municipal securities dealer, or government securities broker or dealer

(b) other investment adviser (including financial planners)

(c) registered municipal advisor

(d) registered security-based swap dealer

(e) major security-based swap participant

(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)

(g) futures commission merchant

(h) banking or thrift institution

(i) trust company

(j) accountant or accounting firm

(k) lawyer or law firm

(l) insurance company or agency

(m) pension consultant

(n) real estate broker or dealer

(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles

(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?



(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Canada - Ontario Securities Commission



11. Do you and the *related person* share any *supervised persons*?



12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW RENEWABLE INVESTMENTS, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW RENEWABLE INVESTMENTS, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No



7. Are you and the *related person* under common *control*?



8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?



(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?



(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No



9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?



(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?



12. Do you and the *related person* share the same physical location?



1. Legal Name of *Related Person*:

D. E. SHAW ALKALI GENERAL PARTNER IV, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW ALKALI GENERAL PARTNER IV, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No



7. Are you and the *related person* under common *control*?



8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?



(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?



(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?



(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?



(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?



12. Do you and the *related person* share the same physical location?



1. Legal Name of *Related Person*:

D. E. SHAW ALKALI GENERAL PARTNER II, L.L.C.

2. Primary Business Name of *Related Person*:
D. E. SHAW ALKALI GENERAL PARTNER II, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

RENEWABLE ENERGY ASSETCO III MANAGER, L.L.C.

2. Primary Business Name of *Related Person*:

RENEWABLE ENERGY ASSETCO III MANAGER, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or
Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW MANAGER II, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW MANAGER II, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW RE (BERMUDA), LTD.

2. Primary Business Name of *Related Person*:

D. E. SHAW RE (BERMUDA), LTD.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer

- other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
 If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority
Bermuda - Bermuda Monetary Authority

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:
D. E. SHAW & CO. (BERMUDA), LTD.

2. Primary Business Name of *Related Person*:
D. E. SHAW & CO. (BERMUDA), LTD.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
-
or
Other

4. *Related Person's*
 (a) *CRD* Number (if any):
 (b) CIK Number(s) (if any):
 No Information Filed

5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
 - (b) other investment adviser (including financial planners)
 - (c) registered municipal advisor
 - (d) registered security-based swap dealer
 - (e) major security-based swap participant
 - (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)

- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Bermuda - Bermuda Monetary Authority

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW HELIANT MANAGER, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW HELIANT MANAGER, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm

- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW VALENCE INTERNATIONAL FUND GP, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW VALENCE INTERNATIONAL FUND GP, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?
7. Are you and the *related person* under common *control*?
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?
- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?
- (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
Number and Street 1: _____ Number and Street 2: _____
City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
If this address is a private residence, check this box:
9. (a) If the *related person* is an investment adviser, is it exempt from registration? **Yes No**
(b) If the answer is yes, under what exemption?
10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?
(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.
No Information Filed
11. Do you and the *related person* share any *supervised persons*?
12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:
D. E. SHAW CEOF GP, L.L.C.
2. Primary Business Name of *Related Person*:
D. E. SHAW CEOF GP, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
-
or
Other
4. *Related Person's*
(a) CRD Number (if any):

(b) CIK Number(s) (if any):
No Information Filed
5. *Related Person* is: (check all that apply)
(a) broker-dealer, municipal securities dealer, or government securities broker or dealer
(b) other investment adviser (including financial planners)
(c) registered municipal advisor
(d) registered security-based swap dealer
(e) major security-based swap participant
(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
(g) futures commission merchant
(h) banking or thrift institution
(i) trust company
(j) accountant or accounting firm
(k) lawyer or law firm
(l) insurance company or agency
(m) pension consultant
(n) real estate broker or dealer
(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles
6. Do you *control* or are you *controlled* by the *related person*?
7. Are you and the *related person* under common *control*?
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?
- (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
 Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
 If this address is a private residence, check this box:
9. (a) If the *related person* is an investment adviser, is it exempt from registration? Yes No
- (b) If the answer is yes, under what exemption?
10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?
 (b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.
 No Information Filed
11. Do you and the *related person* share any *supervised persons*?
12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:
 D. E. SHAW MULTI-ASSET MANAGER, L.L.C.
2. Primary Business Name of *Related Person*:
 D. E. SHAW MULTI-ASSET MANAGER, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
 -
 or
 Other
4. *Related Person's*
 (a) *CRD* Number (if any):
 (b) *CIK* Number(s) (if any):
 No Information Filed
5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
 (b) other investment adviser (including financial planners)
 (c) registered municipal advisor
 (d) registered security-based swap dealer
 (e) major security-based swap participant
 (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
 (g) futures commission merchant
 (h) banking or thrift institution
 (i) trust company
 (j) accountant or accounting firm
 (k) lawyer or law firm
 (l) insurance company or agency
 (m) pension consultant
 (n) real estate broker or dealer
 (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
 (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*? Yes No
7. Are you and the *related person* under common *control*?
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?
 (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?
 (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
 Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW INVESTMENT MANAGEMENT OFFSHORE GP, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW INVESTMENT MANAGEMENT OFFSHORE GP, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

(a) broker-dealer, municipal securities dealer, or government securities broker or dealer

(b) other investment adviser (including financial planners)

(c) registered municipal advisor

(d) registered security-based swap dealer

(e) major security-based swap participant

(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)

(g) futures commission merchant

(h) banking or thrift institution

(i) trust company

(j) accountant or accounting firm

(k) lawyer or law firm

(l) insurance company or agency

(m) pension consultant

(n) real estate broker or dealer

(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles

(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*? Yes No

12. Do you and the *related person* share the same physical location? Yes No

1. Legal Name of *Related Person*:

RENEWABLE ENERGY ASSETCO II MANAGER, L.L.C.

2. Primary Business Name of *Related Person*:

RENEWABLE ENERGY ASSETCO II MANAGER, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*? Yes No

7. Are you and the *related person* under common *control*? Yes No

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*? Yes No

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*? Yes No

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration? Yes No

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*? Yes No

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*? Yes No

12. Do you and the *related person* share the same physical location? Yes No

1. Legal Name of *Related Person*:
D. E. SHAW ALKALI GENERAL PARTNER III, L.L.C.
2. Primary Business Name of *Related Person*:
D. E. SHAW ALKALI GENERAL PARTNER III, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
-
or
Other

4. *Related Person's*
(a) CRD Number (if any):
(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
 - (b) other investment adviser (including financial planners)
 - (c) registered municipal advisor
 - (d) registered security-based swap dealer
 - (e) major security-based swap participant
 - (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
 - (g) futures commission merchant
 - (h) banking or thrift institution
 - (i) trust company
 - (j) accountant or accounting firm
 - (k) lawyer or law firm
 - (l) insurance company or agency
 - (m) pension consultant
 - (n) real estate broker or dealer
 - (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
 - (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?
- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?
- (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
- Number and Street 1: _____ Number and Street 2: _____
City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?
- (b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?
- (b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.
No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:
D. E. SHAW COMPOSITE MANAGER, L.L.C.

2. Primary Business Name of *Related Person*:

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-
or
Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients' funds* or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients' assets*:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

Yes No

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW TERRELLA FUND GP, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW TERRELLA FUND GP, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-
or
Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW MULTI-ASSET MANAGER GP, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW MULTI-ASSET MANAGER GP, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
 - (b) other investment adviser (including financial planners)
 - (c) registered municipal advisor
 - (d) registered security-based swap dealer
 - (e) major security-based swap participant
 - (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
 - (g) futures commission merchant
 - (h) banking or thrift institution
 - (i) trust company
 - (j) accountant or accounting firm
 - (k) lawyer or law firm
 - (l) insurance company or agency
 - (m) pension consultant
 - (n) real estate broker or dealer
 - (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
 - (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW MANAGER, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW MANAGER, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

(a) broker-dealer, municipal securities dealer, or government securities broker or dealer

(b) other investment adviser (including financial planners)

(c) registered municipal advisor

(d) registered security-based swap dealer

- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW ASYMPTOTE INTERNATIONAL FUND GP, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW ASYMPTOTE INTERNATIONAL FUND GP, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

(a) broker-dealer, municipal securities dealer, or government securities broker or dealer

(b) other investment adviser (including financial planners)

(c) registered municipal advisor

(d) registered security-based swap dealer

(e) major security-based swap participant

(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)

(g) futures commission merchant

(h) banking or thrift institution

(i) trust company

(j) accountant or accounting firm

- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW ALL COUNTRY GLOBAL ALPHA EXTENSION CUSTOM FUND GP, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW ALL COUNTRY GLOBAL ALPHA EXTENSION CUSTOM FUND GP, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*? Yes No
7. Are you and the *related person* under common *control*? Yes No
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*? Yes No
- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*? Yes No
- (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
- Number and Street 1: _____ Number and Street 2: _____
City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
If this address is a private residence, check this box:
9. (a) If the *related person* is an investment adviser, is it exempt from registration? Yes No
- (b) If the answer is yes, under what exemption?
10. (a) Is the *related person* registered with a *foreign financial regulatory authority*? Yes No
- (b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.
No Information Filed
11. Do you and the *related person* share any *supervised persons*? Yes No
12. Do you and the *related person* share the same physical location? Yes No

1. Legal Name of *Related Person*:
RENEWABLE ENERGY ASSETCO MANAGER, L.L.C.
2. Primary Business Name of *Related Person*:
RENEWABLE ENERGY ASSETCO MANAGER, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
-
or
Other
4. *Related Person's*
(a) CRD Number (if any):

(b) CIK Number(s) (if any):
No Information Filed
5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
(b) other investment adviser (including financial planners)
(c) registered municipal advisor
(d) registered security-based swap dealer
(e) major security-based swap participant
(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
(g) futures commission merchant
(h) banking or thrift institution
(i) trust company
(j) accountant or accounting firm
(k) lawyer or law firm
(l) insurance company or agency
(m) pension consultant
(n) real estate broker or dealer
(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*? Yes No
7. Are you and the *related person* under common *control*? Yes No
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*? Yes No

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW ALL COUNTRY GLOBAL ALPHA PLUS SPECIAL FUND GP, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW ALL COUNTRY GLOBAL ALPHA PLUS SPECIAL FUND GP, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

(a) broker-dealer, municipal securities dealer, or government securities broker or dealer

(b) other investment adviser (including financial planners)

(c) registered municipal advisor

(d) registered security-based swap dealer

(e) major security-based swap participant

(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)

(g) futures commission merchant

(h) banking or thrift institution

(i) trust company

(j) accountant or accounting firm

(k) lawyer or law firm

(l) insurance company or agency

(m) pension consultant

(n) real estate broker or dealer

(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles

(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW ALKALI GENERAL PARTNER V, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW ALKALI GENERAL PARTNER V, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

(a) broker-dealer, municipal securities dealer, or government securities broker or dealer

(b) other investment adviser (including financial planners)

(c) registered municipal advisor

(d) registered security-based swap dealer

(e) major security-based swap participant

(f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)

(g) futures commission merchant

(h) banking or thrift institution

(i) trust company

(j) accountant or accounting firm

(k) lawyer or law firm

(l) insurance company or agency

(m) pension consultant

(n) real estate broker or dealer

(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles

(p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW COMPOSITE INTERNATIONAL FUND GP, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW COMPOSITE INTERNATIONAL FUND GP, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW & CO., L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW & CO., L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients' funds* or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients' assets*:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW U.S. BROAD MARKET CORE ALPHA PLUS SPECIAL FUND GP, L.L.C.

2. Primary Business Name of *Related Person*:

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-
or
Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients' funds* or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients' assets*:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

Yes No

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW INVESTMENT MANAGEMENT (SHANGHAI) CO., LTD.

2. Primary Business Name of *Related Person*:

D. E. SHAW INVESTMENT MANAGEMENT (SHANGHAI) CO., LTD.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-
or
Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

PARTICIPATING AFFILIATE RELYING ON UNIAO DE BANCOS DE BRASILEIROS S.A., NO-ACTION LETTER (JULY 28, 1992) AND SUBSEQUENT LETTERS

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

China, People's Republic of - China Securities Regulatory Commission

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW VOLTAIC GENERAL PARTNER, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW VOLTAIC GENERAL PARTNER, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW ESC MANAGER, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW ESC MANAGER, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer

- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?
7. Are you and the *related person* under common *control*?
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?
- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?
- (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
- Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
 If this address is a private residence, check this box:
9. (a) If the *related person* is an investment adviser, is it exempt from registration?
- (b) If the answer is yes, under what exemption?
10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?
- (b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.
- No Information Filed
11. Do you and the *related person* share any *supervised persons*?
12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:
RENEWABLE ENERGY ASSETCO, L.L.C.
2. Primary Business Name of *Related Person*:
RENEWABLE ENERGY ASSETCO, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
-
or
Other
4. *Related Person's*
 (a) CRD Number (if any):
 (b) CIK Number(s) (if any):
No Information Filed
5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
 - (b) other investment adviser (including financial planners)
 - (c) registered municipal advisor
 - (d) registered security-based swap dealer
 - (e) major security-based swap participant
 - (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
 - (g) futures commission merchant

- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW ALKALI GENERAL PARTNER VI, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW ALKALI GENERAL PARTNER VI, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant

- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW MANAGER III, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW MANAGER III, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) *CIK* Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common control?
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?
- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?
- (c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:
 Number and Street 1: _____ Number and Street 2: _____
 City: _____ State: _____ Country: _____ ZIP+4/Postal Code: _____
 If this address is a private residence, check this box:
9. (a) If the *related person* is an investment adviser, is it exempt from registration? **Yes No**
- (b) If the answer is yes, under what exemption?
10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?
- (b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.
 No Information Filed
11. Do you and the *related person* share any *supervised persons*?
12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:
 D. E. SHAW ALKALI MANAGER VI, L.L.C.
2. Primary Business Name of *Related Person*:
 D. E. SHAW ALKALI MANAGER VI, L.L.C.
3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
 -
 or
 Other
4. *Related Person's*
 (a) *CRD* Number (if any):
 (b) CIK Number(s) (if any):
 No Information Filed
5. *Related Person* is: (check all that apply)
- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*? **Yes No**
7. Are you and the *related person* under common control?
8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?
- (b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

D. E. SHAW ALKALI HOLDINGS VI, L.L.C.

2. Primary Business Name of *Related Person*:

D. E. SHAW ALKALI HOLDINGS VI, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

RENEWABLE ENERGY ASSETCO III, L.L.C.

2. Primary Business Name of *Related Person*:

RENEWABLE ENERGY ASSETCO III, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) *CRD* Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Yes No

6. Do you *control* or are you *controlled* by the *related person*?

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority* ?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?



1. Legal Name of *Related Person*:

RENEWABLE ENERGY ASSETCO SIDECAR MANAGER, L.L.C.

2. Primary Business Name of *Related Person*:

RENEWABLE ENERGY ASSETCO SIDECAR MANAGER, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)

-

or

Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

1. Legal Name of *Related Person*:

2. Primary Business Name of *Related Person*:
RENEWABLE ENERGY ASSETCO II, L.L.C.

3. *Related Person's* SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)
-
or
Other

4. *Related Person's*

(a) CRD Number (if any):

(b) CIK Number(s) (if any):

No Information Filed

5. *Related Person* is: (check all that apply)

- (a) broker-dealer, municipal securities dealer, or government securities broker or dealer
- (b) other investment adviser (including financial planners)
- (c) registered municipal advisor
- (d) registered security-based swap dealer
- (e) major security-based swap participant
- (f) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)
- (g) futures commission merchant
- (h) banking or thrift institution
- (i) trust company
- (j) accountant or accounting firm
- (k) lawyer or law firm
- (l) insurance company or agency
- (m) pension consultant
- (n) real estate broker or dealer
- (o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles
- (p) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

6. Do you *control* or are you *controlled* by the *related person*?

Yes No

7. Are you and the *related person* under common *control*?

8. (a) Does the *related person* act as a qualified custodian for your *clients* in connection with advisory services you provide to *clients*?

(b) If you are registering or registered with the SEC and you have answered "yes," to question 8.(a) above, have you overcome the presumption that you are not operationally independent (pursuant to rule 206(4)-2(d)(5)) from the *related person* and thus are not required to obtain a surprise examination for your *clients'* funds or securities that are maintained at the *related person*?

(c) If you have answered "yes" to question 8.(a) above, provide the location of the *related person's* office responsible for *custody* of your *clients'* assets:

Number and Street 1:

Number and Street 2:

City: State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

Yes No

9. (a) If the *related person* is an investment adviser, is it exempt from registration?

(b) If the answer is yes, under what exemption?

10. (a) Is the *related person* registered with a *foreign financial regulatory authority*?

(b) If the answer is yes, list the name and country, in English of each *foreign financial regulatory authority* with which the *related person* is registered.

No Information Filed

11. Do you and the *related person* share any *supervised persons*?

12. Do you and the *related person* share the same physical location?

Item 7 Private Fund Reporting

B. Are you an adviser to any *private fund*?

Yes No

If "yes," then for each *private fund* that you advise, you must complete a [Section 7.B.\(1\) of Schedule D](#), except in certain circumstances described in the next sentence and in [Instruction 6 of the Instructions to Part 1A](#). If you are registered or applying for registration with the SEC or reporting as an SEC exempt reporting adviser, and another SEC-registered adviser or SEC exempt reporting adviser reports this information with respect to any such *private fund* in [Section 7.B.\(1\) of Schedule D](#) of its Form ADV (e.g., if you are a subadviser), do not complete

In either case, if you seek to preserve the anonymity of a private fund client by maintaining its identity in your books and records in numerical or alphabetical code, or similar designation, pursuant to rule 204-2(d), you may identify the private fund in Section 7.B.(1) or 7.B.(2) of Schedule D using the same code or designation in place of the fund's name.

SECTION 7.B.(1) Private Fund Reporting

Funds per Page: Total Funds: 13

A. PRIVATE FUND

Information About the Private Fund

1. (a) Name of the private fund:
D. E. SHAW ALKALI PORTFOLIOS II, L.L.C.

(b) Private fund identification number:
(include the "805-" prefix also)
805-3031545284

2. Under the laws of what state or country is the private fund organized:

State: Delaware Country: United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or persons serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director
D. E. SHAW MANAGER, L.L.C.

(b) If filing an umbrella registration, identify the filing adviser and/or relying adviser(s) that sponsor(s) or manage(s) this private fund.

Filing Adviser/Relying Adviser Name
D. E. SHAW ADVISER, L.L.C.

4. The private fund (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each foreign financial regulatory authority with which the private fund is registered.

No Information Filed

6. (a) Is this a "master fund" in a master-feeder arrangement? Yes No
 Yes No

(b) If yes, what is the name and private fund identification number (if any) of the feeder funds investing in this private fund?

Name of private fund	Private fund identification number
D. E. SHAW ALKALI FUND II, L.P.	805-4415176729
D. E. SHAW ALKALI INTERNATIONAL FUND II, L.P.	805-8806917257

(c) Is this a "feeder fund" in a master-feeder arrangement? Yes No
 Yes No

(d) If yes, what is the name and private fund identification number (if any) of the master fund in which this private fund invests?

Name of private fund:

Private fund identification number:
(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:
D. E. SHAW ALKALI FUND II, L.P.

(b) *Private fund* identification number:
(include the "805-" prefix also)
805-4415176729

(c) Under the laws of what state or country is the *private fund* organized:
State: Country:
Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER II, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
 (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:
D. E. SHAW ALKALI INTERNATIONAL FUND II, L.P.

(b) *Private fund* identification number:
(include the "805-" prefix also)
805-8806917257

(c) Under the laws of what state or country is the *private fund* organized:
State: Country:
Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER II, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
 (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"? Yes No
 Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

- (b) If yes, does the *private fund* invest in funds managed by you or by a *related person*? Yes No
 Yes No

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)? Yes No
 Yes No

10. What type of fund is the *private fund*?

- hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 250,976

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

0

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

0%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

0%

- (b) If the *private fund* qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*? Yes No
 Yes No

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

0%

Your Advisory Services

17. (a) Are you a subadviser to this *private fund*? Yes No
 Yes No

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*? Yes No
 Yes No

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

19. Are your *clients* solicited to invest in the *private fund*?

Yes No

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

0%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number
021-205241
021-205242

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

No Information Filed

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

No Information Filed

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 1 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK USA, N.A.

(c) Primary business name of custodian:
HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

1IE8VN30JCEQV1H4R804

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

No Information Filed

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes?

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the *Private Fund*

1. (a) Name of the *private fund*:

D. E. SHAW ALKALI PORTFOLIOS III, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-1200207843

2. Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW MANAGER, L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

Yes No

6. (a) Is this a "master fund" in a master-feeder arrangement?

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW ALKALI FUND III, L.P.	805-8460803103
D. E. SHAW ALKALI INTERNATIONAL FUND III, L.P.	805-3185989197

Yes No

(c) Is this a "feeder fund" in a master-feeder arrangement?

(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:

(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW ALKALI FUND III, L.P.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-8460803103

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER III, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

(e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW ALKALI INTERNATIONAL FUND III, L.P.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-3185989197

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER III, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"?

Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)?

Yes No

10. What type of fund is the *private fund*?

hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 30,088

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

0

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

0%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

0%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

0%

Your Advisory Services

Yes No

17. (a) Are you a subadviser to this *private fund*?

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

0%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number

021-240409

021-240410

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

No Information Filed

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

Yes No

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

No Information Filed

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 1 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK USA, N.A.

(c) Primary business name of custodian:
HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
11E8VN30JCEQV1H4R804

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

No Information Filed

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes?

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the *Private Fund*

1. (a) Name of the *private fund*:

D. E. SHAW ASYMPTOTE PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-6240797695

2. Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW MANAGER, L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

Yes No

6. (a) Is this a "master fund" in a master-feeder arrangement?

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of *private fund*

D. E. SHAW ASYMPTOTE FUND, L.L.C.

***Private fund* identification number**

805-4652243598

Yes No

(c) Is this a "feeder fund" in a master-feeder arrangement?

(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:

(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer

the following questions:

Additional Feeder Fund Information : 1 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW ASYMPTOTE FUND, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-4652243598

(c) Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW MANAGER, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"?

Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)?

Yes No

10. What type of fund is the *private fund*?

hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 67,493,030

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the

fund).

13. Approximate number of the *private fund's* beneficial owners:

9

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

69%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

22%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

0%

Your Advisory Services

Yes No

17. (a) Are you a subadviser to this *private fund*?

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the private fund.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

0%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number

021-176660

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(d) Is the auditing firm an *independent public accountant*?

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board?

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules?

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 9 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC, NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?



If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BARCLAYS CAPITAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 41342

CRD Number (if any):

19714

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?



If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?



If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS SECURITIES CORP.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 32682

CRD Number (if any):

15794

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?



If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BOFA SECURITIES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 69787

CRD Number (if any):
283942

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
DEUTSCHE BANK AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
FRANKFURT

State:

Country:
Germany

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
DEUTSCHE BANK SECURITIES INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 17822

CRD Number (if any):
2525

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MACQUARIE BANK LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
SYDNEY

State:

Country:
Australia

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 12 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS BANK PLC

(c) Primary business name of custodian:

BARCLAYS BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS BANK PLC, NEW YORK BRANCH

(c) Primary business name of custodian:

BARCLAYS BANK PLC, NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS CAPITAL INC.

(c) Primary business name of custodian:
BARCLAYS CAPITAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 41342

CRD Number (if any):
19714

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

AC28XWWI3WIBK2824319

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS CAPITAL SECURITIES, LTD.

(c) Primary business name of custodian:
BARCLAYS CAPITAL SECURITIES, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K9WDOH4D2PYBSLSOB484

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BLACK ROCK, INC.

(c) Primary business name of custodian:
BLACK ROCK, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300LRIF3NWCU26A80

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS SECURITIES CORP.

(c) Primary business name of custodian:
BNP PARIBAS SECURITIES CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 32682
CRD Number (if any):
15794

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RCNB6OTYUAMMP879YW96

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BOFA SECURITIES, INC.

(c) Primary business name of custodian:
BOFA SECURITIES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 69787
CRD Number (if any):
283942

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300HN4UKV1E2R3U73

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
COMPUTERSHARE LIMITED

(c) Primary business name of custodian:
COMPUTERSHARE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
BOSTON	Massachusetts	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
DEUTSCHE BANK AG

(c) Primary business name of custodian:
DEUTSCHE BANK AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
FRANKFURT		Germany

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

7LTFWZYICNSX8D621K86

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
DEUTSCHE BANK SECURITIES INC.

(c) Primary business name of custodian:
DEUTSCHE BANK SECURITIES INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 17822

CRD Number (if any):

2525

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

9J6MBOOO7BECTDTUZW19

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK USA, N.A.

(c) Primary business name of custodian:

HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

1IE8VN30JCEQV1H4R804

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MACQUARIE BANK LIMITED

(c) Primary business name of custodian:

MACQUARIE BANK LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

SYDNEY

State:

Country:

Australia

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

4ZHCHI4KYZG2WVRT8631

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:

CITCO FUND SERVICES (CAYMAN ISLANDS) LTD

(c) Location of administrator (city, state and country):

City:

JERSEY CITY

State:

New Jersey

Country:

United States

Yes No

(d) Is the administrator a *related person* of your firm?

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?

Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

D. E. SHAW & CO., L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes?

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the Private Fund

1. (a) Name of the *private fund*:

D. E. SHAW COMPOSITE PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-6926572168

2. Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW & CO., L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

4. The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

Yes No

6. (a) Is this a "master fund" in a master-feeder arrangement?

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW COMPOSITE FUND, L.L.C.	805-7610105191
D. E. SHAW COMPOSITE GRAPHITE FUND, L.L.C.	805-4477657591
D. E. SHAW COMPOSITE GRAPHITE INTERNATIONAL FUND, L.P.	805-9155904143
D. E. SHAW COMPOSITE INTERNATIONAL FUND	805-1179779865

Yes No

(c) Is this a "feeder fund" in a master-feeder arrangement?

(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:
(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 4 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW COMPOSITE FUND, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-7610105191

(c) Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW & CO., L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

(e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
 (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW COMPOSITE GRAPHITE FUND, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-4477657591

(c) Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW COMPOSITE MANAGER, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW COMPOSITE GRAPHITE INTERNATIONAL FUND, L.P.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-9155904143

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW COMPOSITE INTERNATIONAL FUND GP, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

- (e) The *private fund* (check all that apply; you must check at least one):
- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Other - CAYMAN ISLANDS - CAYMAN ISLANDS MONETARY AUTHORITY

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW COMPOSITE INTERNATIONAL FUND

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-1179779865

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW & CO., L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Other - CAYMAN ISLANDS - CAYMAN ISLANDS MONETARY AUTHORITY

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"?

Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

Yes No

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)?

10. What type of fund is the *private fund*?

hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 56,195,571,418

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

480

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

14%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

20%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

47%

Your Advisory Services

Yes No

17. (a) Are you a subadviser to this *private fund*?

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

0%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number

021-129860

021-129861

021-146386

021-146388

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(d) Is the auditing firm an *independent public accountant*?

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board?

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules?

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 70 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANCO SANTANDER, S.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

SANTANDER

State:

Country:

Spain

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BANK OF AMERICA CORPORATION

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF AMERICA N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF MONTREAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF NEW YORK MELLON

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC, NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 41342

CRD Number (if any):

19714

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BMO CAPITAL MARKETS CORP.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 34344

CRD Number (if any):

16686

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

GEORGE TOWN

State:

Country:

Cayman Islands

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS SA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS SECURITIES CORP.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 32682

CRD Number (if any):

15794

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BOFA SECURITIES INDIA LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
MUMBAI

State:

Country:
India

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BOFA SECURITIES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 69787

CRD Number (if any):

283942

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CANADIAN IMPERIAL BANK OF COMMERCE

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CIBC WORLD MARKETS CORP.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: WILMINGTON State: Delaware Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CITIBANK N.A.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CITIGROUP GLOBAL MARKETS INC.

(c) If the prime broker is registered with the SEC, its registration number:
8 - 8177
CRD Number (if any):
7059

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CITIGROUP GLOBAL MARKETS LTD

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

ZURICH

State:

Country:

Switzerland

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: LONDON State: State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE SECURITIES (USA) LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 422

CRD Number (if any):

816

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

DAIWA CAPITAL MARKETS EUROPE LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: LONDON State: State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

DEUTSCHE BANK AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: FRANKFURT State: State: Country: Germany

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
DEUTSCHE BANK AG LONDON

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
DEUTSCHE BANK SECURITIES INC.

(c) If the prime broker is registered with the SEC, its registration number:
8 - 17822
CRD Number (if any):
2525

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
GOLDMAN SACHS BANK USA

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
GOLDMAN SACHS INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

HSBC BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

HSBC SECURITIES (USA) INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

J. ARON & COMPANY

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
J.P. MORGAN SECURITIES LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 35008

CRD Number (if any):

79

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
J.P. MORGAN SECURITIES PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
JPMORGAN CHASE BANK N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MACQUARIE BANK LIMITED

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: SYDNEY State: Country: Australia

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MERRILL LYNCH CAPITAL SERVICES, INC.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MERRILL LYNCH INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: LONDON State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MIZUHO CAPITAL MARKETS LLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MIZUHO MARKETS CAYMAN LP

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

GEORGETOWN

State:

Country:

Cayman Islands

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MIZUHO SECURITIES USA LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 37710

CRD Number (if any):

19647

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY & CO. LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 15869

CRD Number (if any):

8209

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY BANK, N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

SALT LAKE CITY

State:

Utah

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY CAPITAL GROUP INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MORGAN STANLEY CAPITAL SERVICES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATIONAL BANK OF CANADA FINANCIAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 39947

CRD Number (if any):

22698

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATIXIS NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATIXIS SA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATIXIS SECURITIES AMERICAS LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 719

CRD Number (if any):

1101

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATWEST MARKETS PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

EDINBURGH

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NOMURA INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NOMURA SECURITIES INTERNATIONAL, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 15255

CRD Number (if any):

4297

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
RBC EUROPE LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
ROYAL BANK OF CANADA

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: TORONTO State: Country: Canada

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
ROYAL BANK OF CANADA, NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
SCOTIA CAPITAL (USA) INC.

(c) If the prime broker is registered with the SEC, its registration number:
8 - 3716
CRD Number (if any):
2739

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: ALBANY State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
SKANDINAVISKA ENSKILDA BANKEN AB

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

STOCKHOLM

State:

Country:

Sweden

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

SOCIETE GENERALE

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

STANDARD CHARTERED BANK

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

TD SECURITIES (USA) LLC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
THE BANK OF NOVA SCOTIA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS AG, LONDON BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS SECURITIES LLC

(c) If the prime broker is registered with the SEC, its registration number:
8 - 22651
CRD Number (if any):
7654

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
WELLS FARGO BANK, N.A.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: SIOUX FALLS State: South Dakota Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

Custodian

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

Yes No

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 86 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ALLSPRING FUNDS MANAGEMENT, LLC

(c) Primary business name of custodian:
ALLSPRING FUNDS MANAGEMENT, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: WILMINGTON State: Delaware Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
549300HDKZE50HZZOG90

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANCO SANTANDER, S.A.

(c) Primary business name of custodian:
BANCO SANTANDER, S.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
SANTANDER		Spain

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
5493006QMFDDMYWIAM13

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANK OF AMERICA CORPORATION

(c) Primary business name of custodian:
BANK OF AMERICA CORPORATION

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
9DJT3UXIJIZJI4WXO774

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANK OF AMERICA, N.A.

(c) Primary business name of custodian:
BANK OF AMERICA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

B4TYDEB6GKMZO031MB27

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANK OF MONTREAL

(c) Primary business name of custodian:
BANK OF MONTREAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
TORONTO		Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

NQQ6HPCNCCU6TUTQYE16

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANK OF NEW YORK MELLON

(c) Primary business name of custodian:
BANK OF NEW YORK MELLON

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
HPFHU00Q28E4N0NFVK49

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS BANK PLC

(c) Primary business name of custodian:
BARCLAYS BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS BANK PLC, NEW YORK BRANCH

(c) Primary business name of custodian:
BARCLAYS BANK PLC, NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS CAPITAL INC.

(c) Primary business name of custodian:
BARCLAYS CAPITAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 41342

CRD Number (if any):
19714

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) Primary business name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K9WDOH4D2PYBSLSOB484

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BCP BANK (MAURITIUS)

(c) Primary business name of custodian:

BCP BANK (MAURITIUS)

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
EBENE		Mauritius

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

213800B4JQSRXQZPLD35

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BLACK ROCK, INC.

(c) Primary business name of custodian:

BLACK ROCK, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300LRIF3NWCU26A80

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BMO CAPITAL MARKETS CORP.

(c) Primary business name of custodian:

BMO CAPITAL MARKETS CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 34344

CRD Number (if any):

16686

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RUC0QBLBRPCU4W1NE59

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BNP PARIBAS

(c) Primary business name of custodian:

BNP PARIBAS

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

State:

Country:

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BNP PARIBAS PRIME BROKERAGE INTERNATIONAL, LTD.

(c) Primary business name of custodian:

BNP PARIBAS PRIME BROKERAGE INTERNATIONAL, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

GEORGETOWN

State:

Country:

Cayman Islands

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

5493000EGBAKFHIIIT563

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BNP PARIBAS SA

(c) Primary business name of custodian:

BNP PARIBAS SA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS SECURITIES CORP.

(c) Primary business name of custodian:
BNP PARIBAS SECURITIES CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 32682

CRD Number (if any):

15794

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BOFA SECURITIES INDIA LIMITED

(c) Primary business name of custodian:
BOFA SECURITIES INDIA LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
MUMBAI		India

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300A5QXDCAXLKH833

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BOFA SECURITIES, INC.

(c) Primary business name of custodian:
BOFA SECURITIES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 69787

CRD Number (if any):

283942

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CANADIAN IMPERIAL BANK OF COMMERCE

(c) Primary business name of custodian:

CANADIAN IMPERIAL BANK OF COMMERCE

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

2IGI19DL77OX0HC3ZE78

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(c) Primary business name of custodian:

CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300H8L46OOZOFHU82

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CIBC WORLD MARKETS CORP.

(c) Primary business name of custodian:
CIBC WORLD MARKETS CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300445CON3DBMU275

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CITIBANK N.A.

(c) Primary business name of custodian:
CITIBANK N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

E57ODZWZ7FF32TWEFA76

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CITIGROUP GLOBAL MARKETS INC.

(c) Primary business name of custodian:
CITIGROUP GLOBAL MARKETS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 8177

CRD Number (if any):

7059

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CITIGROUP GLOBAL MARKETS LTD

(c) Primary business name of custodian:

CITIGROUP GLOBAL MARKETS LTD

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

XKZZ2JZF41MRHTR1V493

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

COINBASE CUSTODY TRUST COMPANY, LLC

(c) Primary business name of custodian:

COINBASE CUSTODY TRUST COMPANY, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300ZHW72BH3BM4Q58

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

COMPUTERSHARE LIMITED

(c) Primary business name of custodian:
COMPUTERSHARE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
CHICAGO	Illinois	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CONTINENTAL STOCK TRANSFER & TRUST COMPANY

(c) Primary business name of custodian:
CONTINENTAL STOCK TRANSFER & TRUST COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
BOSTON	Massachusetts	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE AG

(c) Primary business name of custodian:
CREDIT SUISSE AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
ZURICH		Switzerland

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
ANGGYXNX0JLX3X63JN86

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE INTERNATIONAL

(c) Primary business name of custodian:
CREDIT SUISSE INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
E58DKGMJYYYJLN8C3868

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(c) Primary business name of custodian:
CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
DL6FFRRLF74S01HE2M14

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE SECURITIES (USA) LLC

(c) Primary business name of custodian:
CREDIT SUISSE SECURITIES (USA) LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 422

CRD Number (if any):

816

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

DAIWA CAPITAL MARKETS EUROPE LIMITED

(c) Primary business name of custodian:

DAIWA CAPITAL MARKETS EUROPE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MIM2K09LFYD4IB163W58

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

DEUTSCHE BANK AG

(c) Primary business name of custodian:

DEUTSCHE BANK AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

FRANKFURT

State:

Country:

Germany

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

7LTWFZYICNSX8D621K86

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
DEUTSCHE BANK AG LONDON

(c) Primary business name of custodian:
DEUTSCHE BANK AG LONDON

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
54930036B12A3G2SIW61

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
DEUTSCHE BANK SECURITIES INC.

(c) Primary business name of custodian:
DEUTSCHE BANK SECURITIES INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 17822
CRD Number (if any):
2525

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
EQUINITI TRUST COMPANY

(c) Primary business name of custodian:
EQUINITI TRUST COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: BOSTON State: Massachusetts Country: United States

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
FEDERATED HERMES, INC.

(c) Primary business name of custodian:
FEDERATED HERMES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
PITTSBURGH

State:
Pennsylvania

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

R05X5UQ874RGFF7HHD84

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
GOLDMAN SACHS BANK USA

(c) Primary business name of custodian:
GOLDMAN SACHS BANK USA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KD3XUN7C6T14HNAYLU02

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one

custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

GOLDMAN SACHS INTERNATIONAL

(c) Primary business name of custodian:

GOLDMAN SACHS INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

W22LROWP21HZNB6K528

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK BERMUDA LIMITED

(c) Primary business name of custodian:

HSBC BANK BERMUDA LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

HAMILTON

State:

Country:

Bermuda

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

0W1U67PTV5WY3WYWKD79

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK PLC

(c) Primary business name of custodian:

HSBC BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MP6I5ZYZBEU3UXPYFY54

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK USA, N.A.

(c) Primary business name of custodian:

HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

11E8VN30JCEQV1H4R804

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC SECURITIES (USA) INC.

(c) Primary business name of custodian:

HSBC SECURITIES (USA) INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

CYYGQCGNHMHPMRL3R97

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
INVESCO ADVISERS, INC.

(c) Primary business name of custodian:
INVESCO ADVISERS, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

O37NHJVF7S22I1ONOU83

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
J. ARON & COMPANY

(c) Primary business name of custodian:
J. ARON & COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MXKQVM4U1OHBQWFPG196

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
J.P. MORGAN SECURITIES LLC

(c) Primary business name of custodian:
J.P. MORGAN SECURITIES LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

CRD Number (if any):

79

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

J.P. MORGAN SECURITIES PLC

(c) Primary business name of custodian:

J.P. MORGAN SECURITIES PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

 Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K6Q0W1PS1L1O4IQL9C32

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

JPMORGAN CHASE BANK N.A.

(c) Primary business name of custodian:

JMORGAN CHASE BANK N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

 Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

7H6GLXDRUGQFU57RNE97

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

KRYPTON FUND SERVICES (BERMUDA)

(c) Primary business name of custodian:
KRYPTON FUND SERVICES (BERMUDA)

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: PEMBROKE State: Country: Bermuda

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MACQUARIE BANK LIMITED

(c) Primary business name of custodian:
MACQUARIE BANK LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: SYDNEY State: Country: Australia

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

4ZHCHI4KYZG2WVRT8631

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MERRILL LYNCH CAPITAL SERVICES, INC.

(c) Primary business name of custodian:
MERRILL LYNCH CAPITAL SERVICES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

GDWTXX03601TB7DW3U69

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MERRILL LYNCH INTERNATIONAL

(c) Primary business name of custodian:
MERRILL LYNCH INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

GGDZP1UYGU9STUHRDP48

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MIZUHO CAPITAL MARKETS LLC

(c) Primary business name of custodian:
MIZUHO CAPITAL MARKETS LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

OV6W8S6QX2D1J857QP30

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MIZUHO MARKETS CAYMAN LP

(c) Primary business name of custodian:
MIZUHO MARKETS CAYMAN LP

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: GEORGETOWN State: Country: Cayman Islands

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300KHUXLS6Q30KT26

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MIZUHO SECURITIES USA LLC

(c) Primary business name of custodian:
MIZUHO SECURITIES USA LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 37710
CRD Number (if any):
19647

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) Primary business name of custodian:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

4PQUHN3JPFQFNF3BB653

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY & CO. LLC

(c) Primary business name of custodian:
MORGAN STANLEY & CO. LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 15869

CRD Number (if any):

8209

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY BANK, N.A.

(c) Primary business name of custodian:
MORGAN STANLEY BANK, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
SALT LAKE CITY	Utah	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G1MLHIS0N32I3QPILB75

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY CAPITAL GROUP INC.

(c) Primary business name of custodian:
MORGAN STANLEY CAPITAL GROUP INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

VB7RXNZGO6KVDABYB880

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MORGAN STANLEY CAPITAL SERVICES, INC.

(c) Primary business name of custodian:

MORGAN STANLEY CAPITAL SERVICES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

I7331LVCZKQKX5T7XV54

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATIONAL BANK OF CANADA FINANCIAL INC

(c) Primary business name of custodian:

NATIONAL BANK OF CANADA FINANCIAL INC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300K66TF1ST7A3V76

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NATIXIS NEW YORK BRANCH

(c) Primary business name of custodian:
NATIXIS NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KX1WK48MPD4Y2NCUIZ63

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NATIXIS SA

(c) Primary business name of custodian:
NATIXIS SA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
PARIS		France

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KX1WK48MPD4Y2NCUIZ63

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NATIXIS SECURITIES AMERICAS LLC

(c) Primary business name of custodian:
NATIXIS SECURITIES AMERICAS LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 719

CRD Number (if any):

1101

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300L8G1E7ZHVEOG75

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATWEST MARKETS PLC

(c) Primary business name of custodian:

NATWEST MARKETS PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

EDINBURGH

State:

Country:

United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RR3QWICWWIPCS8A4S074

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(c) Primary business name of custodian:

NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

OZ3VO5H2G7GRS05BHJ91

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NOMURA INTERNATIONAL PLC

(c) Primary business name of custodian:
NOMURA INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm? Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

DGQCSV2PHVF712743539

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NOMURA SECURITIES INTERNATIONAL, INC.

(c) Primary business name of custodian:
NOMURA SECURITIES INTERNATIONAL, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm? Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 15255
CRD Number (if any):
4297

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NORTHERN TRUST INVESTMENTS, INC.

(c) Primary business name of custodian:
NORTHERN TRUST INVESTMENTS, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: CHICAGO State: Illinois Country: United States

Yes No

(e) Is the custodian a *related person* of your firm? Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BEL4B8X7EHJU845Y2N39

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
RBC EUROPRE LIMITED

(c) Primary business name of custodian:
RBC EUROPRE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

TXDSU46SXBWIGJ8G8E98

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ROYAL BANK OF CANADA

(c) Primary business name of custodian:
ROYAL BANK OF CANADA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ES7IP3U3RHIGC71XBU11

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ROYAL BANK OF CANADA, NEW YORK BRANCH

(c) Primary business name of custodian:
ROYAL BANK OF CANADA, NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
SCOTIA CAPITAL (USA) INC.

(c) Primary business name of custodian:
SCOTIA CAPITAL (USA) INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
ALBANY	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 3716

CRD Number (if any):

2739

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300BLWPABP1VNME36

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
SKANDINAVISKA ENSKILDA BANKEN AB

(c) Primary business name of custodian:
SKANDINAVISKA ENSKILDA BANKEN AB

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
STOCKHOLM		Sweden

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
F3JS33DEI6XQ4ZBPTN86

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
SOCIETE GENERALE

(c) Primary business name of custodian:
SOCIETE GENERALE

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: Paris State: Country: France

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
O2RNE8IBXP4R0TD8PU41

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
STANDARD CHARTERED BANK

(c) Primary business name of custodian:
STANDARD CHARTERED BANK

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: New York State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
RILFO74KP1CM8P6PCT96

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
STATE STREET INSTITUTIONAL INVESTMENT TRUST

(c) Primary business name of custodian:
STATE STREET INSTITUTIONAL INVESTMENT TRUST

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
BOSTON	Massachusetts	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
TD SECURITIES (USA) LLC.

(c) Primary business name of custodian:
TD SECURITIES (USA) LLC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

SUVUFHICNZMP2WKHG940

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
THE BANK OF BERMUDA LIMITED

(c) Primary business name of custodian:
THE BANK OF BERMUDA LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
BOSTON	Massachusetts	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
THE BANK OF NOVA SCOTIA

(c) Primary business name of custodian:
THE BANK OF NOVA SCOTIA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: TORONTO State: Country: Canada

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
L3I9ZG2KFGXZ61BMYR72

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND

(c) Primary business name of custodian:
THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: DUBLIN State: Country: Ireland

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
Q2GQA2KF6XJ24W42G291

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
UBS AG

(c) Primary business name of custodian:
UBS AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: State: Country:

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCEMIK50

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS AG, LONDON BRANCH

(c) Primary business name of custodian:

UBS AG, LONDON BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCEMIK50

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS SECURITIES LLC

(c) Primary business name of custodian:

UBS SECURITIES LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 22651

CRD Number (if any):

7654

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

T6FIZBDPKLYJKFCRVK44

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
WELLS FARGO BANK, N.A.

(c) Primary business name of custodian:
WELLS FARGO BANK, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
SIOUX FALLS	South Dakota	United States

Yes No

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KB1H1DSPRFMYMCFXT09

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

Yes No

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:
CITCO FUND SERVICES (CAYMAN ISLANDS) LTD

(c) Location of administrator (city, state and country):

City:	State:	Country:
JERSEY CITY	New Jersey	United States

Yes No

(d) Is the administrator a *related person* of your firm?

Yes No

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?

Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

D. E. SHAW & CO., L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes?

Yes No

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to

question 28. (a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the *Private Fund*

1. (a) Name of the *private fund*:

D. E. SHAW MULTI-ASSET PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-3232297563

2. Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW MULTI-ASSET MANAGER, L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW MULTI-ASSET ADVISER, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

Yes No

6. (a) Is this a "master fund" in a master-feeder arrangement?

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW MULTI-ASSET FUND, L.L.C.	805-3073471306
D. E. SHAW MULTI-ASSET INTERNATIONAL FUND, L.P.	805-5535718541

Yes No

(c) Is this a "feeder fund" in a master-feeder arrangement?

(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:

(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW MULTI-ASSET FUND, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-3073471306

(c) Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW MULTI-ASSET MANAGER, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW MULTI-ASSET ADVISER, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW MULTI-ASSET INTERNATIONAL FUND, L.P.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-5535718541

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW MULTI-ASSET MANAGER GP, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW MULTI-ASSET ADVISER, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Other - CAYMAN ISLANDS - CAYMAN ISLANDS MONETARY AUTHORITY

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"? Yes No
 Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

- (b) If yes, does the *private fund* invest in funds managed by you or by a *related person*? Yes No
 Yes No

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)? Yes No
 Yes No

10. What type of fund is the *private fund*?

hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 3,099,787,466

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

15

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

1%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

0%

- (b) If the *private fund* qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*? Yes No
 Yes No

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

31%

Your Advisory Services

17. (a) Are you a subadviser to this *private fund*? Yes No

- (b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*? Yes No

- (b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

19. Are your *clients* solicited to invest in the *private fund*? Yes No

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?
0%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number
021-131597
021-131599

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(d) Is the auditing firm an *independent public accountant*?

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board?

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules?

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 63 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BANCO SANTANDER, S.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

SANTANDER

State:

Country:

Spain

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF AMERICA CORPORATION

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF AMERICA, N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF MONTREAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF NEW YORK MELLON

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC, NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BARCLAYS CAPITAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 41342

CRD Number (if any):

19714

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BMO CAPITAL MARKETS CORP.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 34344

CRD Number (if any):

16686

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS PRIME BROKERAGE INTERNATIONAL, LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

GEORGE TOWN

State:

Country:

Cayman Islands

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS SA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS SECURITIES CORP.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BOFA SECURITIES INDIA LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
MUMBAI

State:

Country:
India

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BOFA SECURITIES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 69787

CRD Number (if any):

283942

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CANADIAN IMPERIAL BANK OF COMMERCE

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CIBC WORLD MARKETS CORP.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: WILMINGTON State: Delaware Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CITIBANK, N.A.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CITIGROUP GLOBAL MARKETS INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 8177

CRD Number (if any):

7059

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CITIGROUP GLOBAL MARKETS LTD

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

ZURICH

State:

Country:

Switzerland

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE SECURITIES (USA) LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 422

CRD Number (if any):

816

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

DAIWA CAPITAL MARKETS EUROPE LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
DEUTSCHE BANK AG

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: FRANKFURT State: Country: Germany

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
GOLDMAN SACHA BANK USA

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
GOLDMAN SACHS INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
HSBC BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

HSBC SECURITIES (USA) INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

J.P. MORGAN SECURITIES LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 35008

CRD Number (if any):

79

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

J.P. MORGAN SECURITIES PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
JPMORGAN CHASE BANK N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MACQUARIE BANK LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
SYDNEY

State:

Country:
Australia

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MERRILL LYNCH CAPITAL SERVICES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MERRILL LYNCH INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MIZUHO CAPITAL MARKETS LLC

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: WILMINGTON State: Delaware Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MIZUHO MARKETS CAYMAN LP

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City: GEORGETOWN State: Country: Cayman Islands

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MIZUHO SECURITIES USA LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 37710

CRD Number (if any):

19647

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MORGAN STANLEY BANK, N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

SALT LAKE CITY

State:

Utah

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MORGAN STANLEY CAPITAL SERVICES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATIONAL BANK OF CANADA FINANCIAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 39947

CRD Number (if any):

22698

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATIXIS NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATIXIS SA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATIXIS SECURITIES AMERICAS LLC

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: WILMINGTON State: Delaware Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATWEST MARKETS PLC

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: EDINBURGH State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NOMURA INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NOMURA SECURITIES INTERNATIONAL, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 15255

CRD Number (if any):

4297

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

RBC EUROPE LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

ROYAL BANK OF CANADA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

ROYAL BANK OF CANADA, NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

SCOTIA CAPITAL (USA) INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 3716

CRD Number (if any):

2739

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

ALBANY

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

SKANDINAVISKA ENSKILDA BANKEN AB

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

STOCKHOLM

State:

Country:

Sweden

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
SOCIETE GENERALE

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: State: Country:
PARIS France

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
STANDARD CHARTERED BANK

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: State: Country:
NEW YORK New York United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
THE BANK OF NOVA SCOTIA

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: State: Country:
TORONTO Canada

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

UBS AG, LONDON BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

UBS SECURITIES LLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Custodian

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

Yes No

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 76 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

ALLSPRING FUNDS MANAGEMENT, LLC

(c) Primary business name of custodian:
ALLSPRING FUNDS MANAGEMENT, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300HDKZE50HZZOG90

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANCO SANTANDER, S.A.

(c) Primary business name of custodian:
BANCO SANTANDER, S.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
SANTANDER		Spain

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

5493006QMFDDMYWIAM13

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANK OF AMERICA CORPORATION

(c) Primary business name of custodian:
BANK OF AMERICA CORPORATION

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

9DJT3UXIJZJI4WXO774

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANK OF AMERICA, N.A.

(c) Primary business name of custodian:

BANK OF AMERICA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

B4TYDEB6GKMZO031MB27

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANK OF MONTREAL

(c) Primary business name of custodian:

BANK OF MONTREAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

NQQ6HPCNCCU6TUTQYE16

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANK OF NEW YORK MELLON

(c) Primary business name of custodian:

BANK OF NEW YORK MELLON

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

HPFHU00Q28E4N0NFVK49

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS BANK PLC

(c) Primary business name of custodian:

BARCLAYS BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS BANK PLC, NEW YORK BRANCH

(c) Primary business name of custodian:

BARCLAYS BANK PLC, NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS CAPITAL INC.

(c) Primary business name of custodian:
BARCLAYS CAPITAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 41342

CRD Number (if any):
19714

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS CAPITAL SECURITIES, LTD.

(c) Primary business name of custodian:
BARCLAYS CAPITAL SECURITIES, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K9WDOH4D2PYBSLSOB484

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BLACK ROCK, INC.

(c) Primary business name of custodian:
BLACK ROCK, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300LRIF3NWCUCU26A80

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BMO CAPITAL MARKETS CORP.

(c) Primary business name of custodian:
BMO CAPITAL MARKETS CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 34344
CRD Number (if any):
16686

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RUCOQBLBRPCU4W1NE59

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS

(c) Primary business name of custodian:
BNP PARIBAS

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS PRIME BROKERAGE INTERNATIONAL, LTD.

(c) Primary business name of custodian:
BNP PARIBAS PRIME BROKERAGE INTERNATIONAL, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
GEORGETOWN		Cayman Islands

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
5493000EGBAKFHIT563

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS SA

(c) Primary business name of custodian:
BNP PARIBAS SA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
PARIS		France

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS SECURITIES CORP.

(c) Primary business name of custodian:
BNP PARIBAS SECURITIES CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
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Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RCNB6OTYUAMMP879YW96

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BOFA SECURITIES INDIA LIMITED

(c) Primary business name of custodian:

BOFA SECURITIES INDIA LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

MUMBAI

State:

Country:

India

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300A5QXDCAXLKH833

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BOFA SECURITIES, INC.

(c) Primary business name of custodian:

BOFA SECURITIES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 69787

CRD Number (if any):

283942

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CANADIAN IMPERIAL BANK OF COMMERCE

(c) Primary business name of custodian:
CANADIAN IMPERIAL BANK OF COMMERCE

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
TORONTO		Canada

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

2IGI19DL77OX0HC3ZE78

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(c) Primary business name of custodian:
CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300H8L460OZOFHU82

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CIBC WORLD MARKETS CORP.

(c) Primary business name of custodian:
CIBC WORLD MARKETS CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300445CON3DBMU275

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CITIBANK N.A.

(c) Primary business name of custodian:

CITIBANK N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

E57ODZWZ7FF32TWEFA76

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CITIGROUP GLOBAL MARKETS INC.

(c) Primary business name of custodian:

CITIGROUP GLOBAL MARKETS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 8177

CRD Number (if any):

7059

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CITIGROUP GLOBAL MARKETS LTD

(c) Primary business name of custodian:
CITIGROUP GLOBAL MARKETS LTD

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

XKZZ2JZF41MRHTR1V493

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
COMPUTERSHARE LIMITED

(c) Primary business name of custodian:
COMPUTERSHARE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
CHICAGO	Illinois	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CONTINENTAL STOCK TRANSFER & TRUST COMPANY

(c) Primary business name of custodian:
CONTINENTAL STOCK TRANSFER & TRUST COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
BOSTON	Massachusetts	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE AG

(c) Primary business name of custodian:
CREDIT SUISSE AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: ZURICH State: Country: Switzerland

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
ANGGYXNX0JLX3X63JN86

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE INTERNATIONAL

(c) Primary business name of custodian:
CREDIT SUISSE INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
E58DKGMJYYYYJLN8C3868

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(c) Primary business name of custodian:
CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

DL6FFRRLF74S01HE2M14

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE SECURITIES (USA) LLC

(c) Primary business name of custodian:
CREDIT SUISSE SECURITIES (USA) LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 422
CRD Number (if any):
816

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
DAIWA CAPITAL MARKETS EUROPE LIMITED

(c) Primary business name of custodian:
DAIWA CAPITAL MARKETS EUROPE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
MIM2K09LFYD4IB163W58

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
DEUTSCHE BANK AG

(c) Primary business name of custodian:
DEUTSCHE BANK AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: FRANKFURT State: Country: Germany

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
7LTWFZYICNSX8D621K86

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
EQUINITI TRUST COMPANY

(c) Primary business name of custodian:
EQUINITI TRUST COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: BOSTON State: Massachusetts Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
FEDERATED HERMES, INC.

(c) Primary business name of custodian:
FEDERATED HERMES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: PITTSBURGH State: Pennsylvania Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

R05X5UQ874RGFF7HHD84

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
GOLDMAN SACHA BANK USA

(c) Primary business name of custodian:
GOLDMAN SACHA BANK USA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KD3XUN7C6T14HNAYLU02

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
GOLDMAN SACHS INTERNATIONAL

(c) Primary business name of custodian:
GOLDMAN SACHS INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

W22LROWP21HZNB6K528

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK BERMUDA LIMITED

(c) Primary business name of custodian:
HSBC BANK BERMUDA LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: HAMILTON State: Country: Bermuda

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
OW1U67PTV5WY3WYWKD79

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK PLC

(c) Primary business name of custodian:
HSBC BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
MP6I5ZYZBEU3UXPYFY54

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK USA, N.A.

(c) Primary business name of custodian:
HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: State: Country:

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

1IE8VN30JCEQV1H4R804

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC SECURITIES (USA) INC.

(c) Primary business name of custodian:

HSBC SECURITIES (USA) INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

CYYGQCGNHMPSMRL3R97

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

INVESCO ADVISERS, INC.

(c) Primary business name of custodian:

INVESCO ADVISERS, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

O37NHJVF7S22I1ONOU83

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
J.P. MORGAN SECURITIES LLC

(c) Primary business name of custodian:
J.P. MORGAN SECURITIES LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 35008

CRD Number (if any):

79

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
J.P. MORGAN SECURITIES PLC

(c) Primary business name of custodian:
J.P. MORGAN SECURITIES PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K6Q0W1PS1L1O4IQL9C32

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
JPMORGAN CHASE BANK N.A.

(c) Primary business name of custodian:
JPMORGAN CHASE BANK N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

7H6GLXDRUGQFU57RNE97

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

KRYPTON FUND SERVICES (BERMUDA)

(c) Primary business name of custodian:

KRYPTON FUND SERVICES (BERMUDA)

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

PEMBROKE

State:

Country:

Bermuda

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MACQUARIE BANK LIMITED

(c) Primary business name of custodian:

MACQUARIE BANK LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

SYDNEY

State:

Country:

Australia

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

4ZHCHI4KYZG2WVRT8631

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MERRILL LYNCH CAPITAL SERVICES, INC.

(c) Primary business name of custodian:
MERRILL LYNCH CAPITAL SERVICES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

GDWTXX036O1TB7DW3U69

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MERRILL LYNCH INTERNATIONAL

(c) Primary business name of custodian:
MERRILL LYNCH INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

GGDZP1UYGU9STUHRDP48

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MIZUHO CAPITAL MARKETS LLC

(c) Primary business name of custodian:
MIZUHO CAPITAL MARKETS LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

OV6W8S6QX2D1J857QP30

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MIZUHO MARKETS CAYMAN LP

(c) Primary business name of custodian:
MIZUHO MARKETS CAYMAN LP

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: GEORGETOWN State: Country: Cayman Islands

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300KHUXLS6Q30KT26

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MIZUHO SECURITIES USA LLC

(c) Primary business name of custodian:
MIZUHO SECURITIES USA LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 37710
CRD Number (if any):
19647

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) Primary business name of custodian:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

4PQUHN3JPF GFNF3BB653

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY BANK, N.A.

(c) Primary business name of custodian:
MORGAN STANLEY BANK, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: SALT LAKE CITY State: Utah Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G1MLHISON32I3QPILB75

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY CAPITAL SERVICES, INC.

(c) Primary business name of custodian:
MORGAN STANLEY CAPITAL SERVICES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
I7331LVCZKQKX5T7XV54

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NATIONAL BANK OF CANADA FINANCIAL INC.

(c) Primary business name of custodian:
NATIONAL BANK OF CANADA FINANCIAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: WILMINGTON State: Delaware Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 39947

CRD Number (if any):
22698

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
549300K66TF1ST7A3V76

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NATIXIS NEW YORK BRANCH

(c) Primary business name of custodian:
NATIXIS NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
KX1WK48MPD4Y2NCUIZ63

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NATIXIS SA

(c) Primary business name of custodian:
NATIXIS SA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KX1WK48MPD4Y2NCUIZ63

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATIXIS SECURITIES AMERICAS LLC

(c) Primary business name of custodian:

NATIXIS SECURITIES AMERICAS LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300L8G1E7ZHVEOG75

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATWEST MARKETS PLC

(c) Primary business name of custodian:

NATWEST MARKETS PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
EDINBURGH

State:

Country:
United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(c) Primary business name of custodian:

NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

OZ3VO5H2G7GRS05BHI91

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NOMURA INTERNATIONAL PLC

(c) Primary business name of custodian:

NOMURA INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

DGQCSV2PHVF712743539

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NOMURA SECURITIES INTERNATIONAL, INC.

(c) Primary business name of custodian:

NOMURA SECURITIES INTERNATIONAL, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 15255

CRD Number (if any):

4297

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NORTHERN TRUST INVESTMENTS, INC.

(c) Primary business name of custodian:

NORTHERN TRUST INVESTMENTS, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
CHICAGO

State:
Illinois

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BEL4B8X7EHJU845Y2N39

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

RBC EUROPE LIMITED

(c) Primary business name of custodian:

RBC EUROPE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ROYAL BANK OF CANADA

(c) Primary business name of custodian:
ROYAL BANK OF CANADA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: TORONTO State: Country: Canada

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ES7IP3U3RHIGC71XBU11

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ROYAL BANK OF CANADA, NEW YORK BRANCH

(c) Primary business name of custodian:
ROYAL BANK OF CANADA, NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
SCOTIA CAPITAL (USA) INC.

(c) Primary business name of custodian:
SCOTIA CAPITAL (USA) INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: ALBANY State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 3716

CRD Number (if any):

2739

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300BLWPABP1VNME36

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

SKANDINAVISKA ENSKILDA BANKEN AB

(c) Primary business name of custodian:

SKANDINAVISKA ENSKILDA BANKEN AB

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

STOCKHOLM

State:

Country:

Sweden

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

F3JS33DEI6XQ4ZBPTN86

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

SOCIETE GENERALE

(c) Primary business name of custodian:

SOCIETE GENERALE

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

O2RNE8IBXP4R0TD8PU41

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
STANDARD CHARTERED BANK

(c) Primary business name of custodian:
STANDARD CHARTERED BANK

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RILFO74KP1CM8P6PCT96

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
STATE STREET INSTITUTIONAL INVESTMENT TRUST

(c) Primary business name of custodian:
STATE STREET INSTITUTIONAL INVESTMENT TRUST

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
BOSTON

State:
Massachusetts

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
THE BANK OF NOVA SCOTIA

(c) Primary business name of custodian:
THE BANK OF NOVA SCOTIA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

L3I9ZG2KFGXZ61BMYR72

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND

(c) Primary business name of custodian:

THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

DUBLIN

State:

Country:

Ireland

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

Q2GQA2KF6XJ24W42G291

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS AG

(c) Primary business name of custodian:

UBS AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCEMIK50

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS AG, LONDON BRANCH

(c) Primary business name of custodian:
UBS AG, LONDON BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCEMIK50

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
UBS SECURITIES LLC

(c) Primary business name of custodian:
UBS SECURITIES LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

T6FIZBDPKLYJKFCRVK44

Administrator

26. (a) Does the *private fund* use an administrator other than your firm?

Yes No

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:
CITCO FUND SERVICES (CAYMAN ISLANDS) LTD

(c) Location of administrator (city, state and country):

City: JERSEY CITY State: New Jersey Country: United States

(d) Is the administrator a *related person* of your firm?

Yes No

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?
 Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."
 D. E. SHAW & CO., L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?
 0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes? Yes No
 Yes No

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the *Private Fund*

1. (a) Name of the *private fund*:
 D. E. SHAW OCULUS PORTFOLIOS, L.L.C.
 (b) *Private fund* identification number:
 (include the "805-" prefix also)
 805-9678869862

2. Under the laws of what state or country is the *private fund* organized:
 State: Delaware Country: United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director
D. E. SHAW & CO., L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name
D. E. SHAW & CO., L.P.

4. The *private fund* (check all that apply; you must check at least one):
 (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
 (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

6. (a) Is this a "master fund" in a master-feeder arrangement? Yes No
 Yes No

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW OCULUS FUND, L.L.C.	805-8788254428
D. E. SHAW OCULUS INTERNATIONAL FUND	805-1858847007

- (c) Is this a "feeder fund" in a master-feeder arrangement?
- (d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:
(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

- (a) Name of the *private fund*:

D. E. SHAW OCULUS FUND, L.L.C.

- (b) *Private fund* identification number:
(include the "805-" prefix also)

805-8788254428

- (c) Under the laws of what state or country is the *private fund* organized:

State:
Delaware

Country:
United States

- (d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW & CO., L.L.C.

- (d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

- (e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

- (f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

- (a) Name of the *private fund*:

D. E. SHAW OCULUS INTERNATIONAL FUND

- (b) *Private fund* identification number:
(include the "805-" prefix also)

805-1858847007

- (c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW & CO., L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

(e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Other - CAYMAN ISLANDS - CAYMAN ISLANDS MONETARY AUTHORITY

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"?

Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)?

Yes No

10. What type of fund is the *private fund*?

- hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 30,199,244,027

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

355

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

12%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

13%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

Your Advisory Services

17. (a) Are you a subadviser to this *private fund*? Yes No
- (b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.
- No Information Filed
18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*? Yes No
- (b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.
- No Information Filed
19. Are your *clients* solicited to invest in the *private fund*? Yes No
- NOTE: For purposes of this question, do not consider feeder funds of the private fund.*
20. Approximately what percentage of your *clients* has invested in the *private fund*?
0%

Private Offering

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933? Yes No
22. If yes, provide the *private fund's* Form D file number (if any):
- | Form D file number |
|--------------------|
| 021-64161 |
| 021-64162 |

B. SERVICE PROVIDERS**Auditors**

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit? Yes No
- (2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP? Yes No
- If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:
ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(d) Is the auditing firm an *independent public accountant*? Yes No

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board? Yes No

If yes, Public Company Accounting Oversight Board-Assigned Number:
42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules? Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 59 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BANK OF AMERICA CORPORATION

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BANK OF AMERICA N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BANK OF MONTREAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF NEW YORK MELLON

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC, NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 41342

CRD Number (if any):

19714

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL SECURITIES LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BMO CAPITAL MARKETS CORP.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 34344

CRD Number (if any):

16686

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS SA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS SECURITIES CORP.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 32682

CRD Number (if any):

15794

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BOFA SECURITIES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 69787

CRD Number (if any):

283942

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CANADIAN IMPERIAL BANK OF COMMERCE

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CIBC WORLD MARKETS CORP.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CITIBANK N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CITIGROUP GLOBAL MARKETS INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 8177

CRD Number (if any):

7059

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CITIGROUP GLOBAL MARKETS LTD

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE SECURITIES (EUROPE) LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CREDIT SUISSE SECURITIES (USA) LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 422

CRD Number (if any):

816

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

DEUTSCHE BANK AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
FRANKFURT

State:

Country:
Germany

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

DEUTSCHE BANK SECURITIES INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 17822

CRD Number (if any):

2525

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

GOLDMAN SACHS INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

HSBC BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
HSBC SECURITIES (USA) INC.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: WILMINGTON State: Delaware Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
J. ARON & COMPANY

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
J.P. MORGAN SECURITIES LLC

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
JPMORGAN CHASE BANK N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MACQUARIE BANK LTD

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

SYDNEY

State:

Country:

Australia

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MERRILL LYNCH CAPITAL SERVICES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MERRILL LYNCH INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MIZUHO CAPITAL MARKETS LLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MIZUHO SECURITIES USA LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 37710

CRD Number (if any):

19647

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
LONDON

State:

Country:
United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY & CO. LLC

(c) If the prime broker is registered with the SEC, its registration number:
8 - 15869
CRD Number (if any):
8209

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY BANK, N.A.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: SALT LAKE CITY State: Utah Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY CAPITAL GROUP INC.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY CAPITAL SERVICES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATIONAL BANK OF CANADA FINANCIAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 39947

CRD Number (if any):

22698

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATIXIS NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATIXIS SECURITIES AMERICAS LLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATWEST MARKETS PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

EDINBURGH

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NOMURA INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NOMURA SECURITIES INTERNATIONAL, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 15255

CRD Number (if any):

4297

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

RBC EUROPE LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

ROYAL BANK OF CANADA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

ROYAL BANK OF CANADA, NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

SCOTIA CAPITAL (USA) INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 3716

CRD Number (if any):

2739

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

SKANDINAVISKA ENSKILDA BANKEN AB

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

STOCKHOLM

State:

Country:

Sweden

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

SOCIETE GENERALE

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
STANDARD CHARTERED BANK

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
THE BANK OF NOVA SCOTIA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS AG, LONDON BRANCH

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS SECURITIES LLC

(c) If the prime broker is registered with the SEC, its registration number:
8 - 22651
CRD Number (if any):
7654

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
WELLS FARGO BANK, N.A.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: SIOUX FALLS State: South Dakota Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

Custodian

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

Yes No

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 74 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

ALLSPRING FUNDS MANAGEMENT, LLC

(c) Primary business name of custodian:

ALLSPRING FUNDS MANAGEMENT, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300HDKZE50HZZOG90

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

AMERICAN STOCK TRANSFER & TRUST COMPANY, LLC

(c) Primary business name of custodian:

AMERICAN STOCK TRANSFER & TRUST COMPANY, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

BROOKLYN

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

254900TS5EWP83BEOU02

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANCO SANTANDER, S.A.

(c) Primary business name of custodian:

BANCO SANTANDER, S.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

SANTANDER

State:

Country:

Spain

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

5493006QMFDDMYWIAM13

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANK OF AMERICA CORPORATION

(c) Primary business name of custodian:

BANK OF AMERICA CORPORATION

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

9DJT3UXIJIZJI4WXO774

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANK OF AMERICA, N.A.

(c) Primary business name of custodian:

BANK OF AMERICA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

B4TYDEB6GKMZO031MB27

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANK OF MONTREAL

(c) Primary business name of custodian:
BANK OF MONTREAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: TORONTO State: Country: Canada

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
NQQ6HPCNCCU6TUTQYE16

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANK OF NEW YORK MELLON

(c) Primary business name of custodian:
BANK OF NEW YORK MELLON

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
HPFHU00Q28E4N0NFVK49

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS BANK PLC

(c) Primary business name of custodian:
BARCLAYS BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS BANK PLC, NEW YORK BRANCH

(c) Primary business name of custodian:

BARCLAYS BANK PLC, NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS CAPITAL INC.

(c) Primary business name of custodian:

BARCLAYS CAPITAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 41342

CRD Number (if any):

19714

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS CAPITAL SECURITIES, LTD.

(c) Primary business name of custodian:
BARCLAYS CAPITAL SECURITIES, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K9WDOH4D2PYBSLSOB484

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BLACK ROCK, INC.

(c) Primary business name of custodian:
BLACK ROCK, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300LRIF3NWCUC26A80

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BMO CAPITAL MARKETS CORP.

(c) Primary business name of custodian:
BMO CAPITAL MARKETS CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

CRD Number (if any):

16686

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BNP PARIBAS

(c) Primary business name of custodian:

BNP PARIBAS

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BNP PARIBAS SA

(c) Primary business name of custodian:

BNP PARIBAS SA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BNP PARIBAS SECURITIES CORP.

(c) Primary business name of custodian:
BNP PARIBAS SECURITIES CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 32682

CRD Number (if any):

15794

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BOFA SECURITIES, INC.

(c) Primary business name of custodian:
BOFA SECURITIES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 69787

CRD Number (if any):

283942

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CANADIAN IMPERIAL BANK OF COMMERCE

(c) Primary business name of custodian:
CANADIAN IMPERIAL BANK OF COMMERCE

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
TORONTO		Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
2IGI19DL77OX0HC3ZE78

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(c) Primary business name of custodian:
CANADIAN IMPERIAL BANK OF COMMERCE, NY BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
549300H8L46OOZOFHU82

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CIBC WORLD MARKETS CORP.

(c) Primary business name of custodian:
CIBC WORLD MARKETS CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: WILMINGTON State: Delaware Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
549300445CON3DBMU275

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CITIBANK N.A.

(c) Primary business name of custodian:
CITIBANK N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

E570DZWZ7FF32TWEFA76

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CITIGROUP GLOBAL MARKETS INC.

(c) Primary business name of custodian:

CITIGROUP GLOBAL MARKETS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 8177

CRD Number (if any):

7059

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CITIGROUP GLOBAL MARKETS LTD

(c) Primary business name of custodian:

CITIGROUP GLOBAL MARKETS LTD

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

XKZZ2JZF41MRHTR1V493

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
COINBASE CUSTODY TRUST COMPANY, LLC

(c) Primary business name of custodian:
COINBASE CUSTODY TRUST COMPANY, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
549300ZHW72BH3BM4Q58

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
COMPUTERSHARE LIMITED

(c) Primary business name of custodian:
COMPUTERSHARE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
CHICAGO	Illinois	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE INTERNATIONAL

(c) Primary business name of custodian:
CREDIT SUISSE INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

E58DKGMJYYYJLN8C3868

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CREDIT SUISSE SECURITIES (EUROPE) LTD.

(c) Primary business name of custodian:

CREDIT SUISSE SECURITIES (EUROPE) LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

DL6FFRRLF74S01HE2M14

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CREDIT SUISSE SECURITIES (USA) LLC

(c) Primary business name of custodian:

CREDIT SUISSE SECURITIES (USA) LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 422

CRD Number (if any):

816

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one

custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

DEUTSCHE BANK AG

(c) Primary business name of custodian:

DEUTSCHE BANK AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

FRANKFURT

State:

Country:

Germany

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

7LTFWZYICNSX8D621K86

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

DEUTSCHE BANK SECURITIES INC.

(c) Primary business name of custodian:

DEUTSCHE BANK SECURITIES INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 17822

CRD Number (if any):

2525

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

EQUINITI TRUST COMPANY

(c) Primary business name of custodian:

EQUINITI TRUST COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

BOSTON

State:

Massachusetts

Country:

United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

FEDERATED HERMES, INC.

(c) Primary business name of custodian:

FEDERATED HERMES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

PITTSBURGH

State:

Pennsylvania

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

R05X5UQ874RGFF7HHD84

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

GOLDMAN SACHS INTERNATIONAL

(c) Primary business name of custodian:

GOLDMAN SACHS INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

W22LROWP21HZNB6K528

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK BERMUDA LIMITED

(c) Primary business name of custodian:
HSBC BANK BERMUDA LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: HAMILTON State: Country: Bermuda

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

OW1U67PTV5WY3WYWKD79

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK PLC

(c) Primary business name of custodian:
HSBC BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MP6I5ZYZBEU3UXPYFY54

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK USA, N.A.

(c) Primary business name of custodian:
HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
11E8VN30JCEQV1H4R804

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC SECURITIES (USA) INC.

(c) Primary business name of custodian:
HSBC SECURITIES (USA) INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
CYYGQCGNHMHPMRL3R97

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
INVESCO ADVISERS, INC.

(c) Primary business name of custodian:
INVESCO ADVISERS, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
O37NHJVF7S22I1ONOU83

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
J. ARON & COMPANY

(c) Primary business name of custodian:
J. ARON & COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MXKQVM4U1OHBQWFPG196

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

J.P. MORGAN SECURITIES LLC

(c) Primary business name of custodian:

J.P. MORGAN SECURITIES LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ZBUT11V806EZRVTWT807

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

JPMORGAN CHASE BANK, N.A.

(c) Primary business name of custodian:

JPMORGAN CHASE BANK, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
7H6GLXDRUGQFU57RNE97

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
KRYPTON FUND SERVICES (BERMUDA)

(c) Primary business name of custodian:
KRYPTON FUND SERVICES (BERMUDA)

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: PEMBROKE State: Country: Bermuda

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MACQUARIE BANK LIMITED

(c) Primary business name of custodian:
MACQUARIE BANK LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: SYDNEY State: Country: Australia

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
4ZHCHI4KYZG2WVRT8631

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MERRILL LYNCH CAPITAL SERVICES, INC.

(c) Primary business name of custodian:
MERRILL LYNCH CAPITAL SERVICES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

GDWTXX036O1TB7DW3U69

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MERRILL LYNCH INTERNATIONAL

(c) Primary business name of custodian:

MERRILL LYNCH INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

GGDZP1UYGU9STUHRDP48

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MIZUHO CAPITAL MARKETS LLC

(c) Primary business name of custodian:

MIZUHO CAPITAL MARKETS LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

OV6W8S6QX2D1J857QP30

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MIZUHO SECURITIES USA LLC

(c) Primary business name of custodian:
MIZUHO SECURITIES USA LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
8 - 37710
CRD Number (if any):
19647

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) Primary business name of custodian:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
4PQUHN3JPF GFNF3BB653

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY & CO. LLC

(c) Primary business name of custodian:
MORGAN STANLEY & CO. LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 15869

CRD Number (if any):

8209

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MORGAN STANLEY BANK, N.A.

(c) Primary business name of custodian:

MORGAN STANLEY BANK, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

SALT LAKE CITY

State:

Utah

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G1MLHISON32I3QPILB75

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MORGAN STANLEY CAPITAL GROUP INC.

(c) Primary business name of custodian:

MORGAN STANLEY CAPITAL GROUP INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

VB7RXNZGO6KVDABYB880

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one

custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MORGAN STANLEY CAPITAL SERVICES, INC.

(c) Primary business name of custodian:

MORGAN STANLEY CAPITAL SERVICES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

I7331LVCZKQKX5T7XV54

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATIONAL BANK OF CANADA FINANCIAL INC.

(c) Primary business name of custodian:

NATIONAL BANK OF CANADA FINANCIAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 39947

CRD Number (if any):

22698

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATIXIS NEW YORK BRANCH

(c) Primary business name of custodian:

NATIXIS NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KX1WK48MPD4Y2NCUIZ63

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATIXIS SECURITIES AMERICAS LLC

(c) Primary business name of custodian:

NATIXIS SECURITIES AMERICAS LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300L8G1E7ZHVEOG75

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATWEST MARKETS PLC

(c) Primary business name of custodian:

NATWEST MARKETS PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

EDINBURGH

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RR3QWICWWIPCS8A4S074

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(c) Primary business name of custodian:
NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
OZ3VO5H2G7GRS05BHJ91

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NOMURA INTERNATIONAL PLC

(c) Primary business name of custodian:
NOMURA INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
DGQCSV2PHVF712743539

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NOMURA SECURITIES INTERNATIONAL, INC.

(c) Primary business name of custodian:
NOMURA SECURITIES INTERNATIONAL, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

CRD Number (if any):
4297

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NORTHERN TRUST INVESTMENTS, INC.

(c) Primary business name of custodian:
NORTHERN TRUST INVESTMENTS, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
CHICAGO	Illinois	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BEL4B8X7EHJU845Y2N39

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
RBC EUROPE LIMITED

(c) Primary business name of custodian:
RBC EUROPE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ROYAL BANK OF CANADA

(c) Primary business name of custodian:
ROYAL BANK OF CANADA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
TORONTO		Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ES7IP3U3RHIGC71XBU11

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ROYAL BANK OF CANADA, NEW YORK BRANCH

(c) Primary business name of custodian:
ROYAL BANK OF CANADA, NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ES7IP3U3RHIGC71XBU11

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
SCOTIA CAPITAL (USA) INC.

(c) Primary business name of custodian:
SCOTIA CAPITAL (USA) INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 3716
CRD Number (if any):
2739

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
SKANDINAVISKA ENSKILDA BANKEN AB

(c) Primary business name of custodian:
SKANDINAVISKA ENSKILDA BANKEN AB

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: STOCKHOLM State: Country: Sweden

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
F3JS33DEI6XQ4ZBPTN86

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
SOCIETE GENERALE

(c) Primary business name of custodian:
SOCIETE GENERALE

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: PARIS State: Country: France

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
O2RNE8IBXP4R0TD8PU41

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
STANDARD CHARTERED BANK

(c) Primary business name of custodian:
STANDARD CHARTERED BANK

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RILFO74KP1CM8P6PCT96

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

STATE STREET INSTITUTIONAL INVESTMENT TRUST

(c) Primary business name of custodian:

STATE STREET INSTITUTIONAL INVESTMENT TRUST

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
BOSTON	Massachusetts	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

THE BANK OF NOVA SCOTIA

(c) Primary business name of custodian:

THE BANK OF NOVA SCOTIA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
TORONTO		Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

L3I9ZG2KFGXZ61BMYR72

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND

(c) Primary business name of custodian:
THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: DUBLIN State: Country: Ireland

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

Q2GQA2KF6XJ24W42G291

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
UBS AG

(c) Primary business name of custodian:
UBS AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCCEMIK50

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
UBS AG, LONDON BRANCH

(c) Primary business name of custodian:
UBS AG, LONDON BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCEMIK50

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS SECURITIES LLC

(c) Primary business name of custodian:

UBS SECURITIES LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 22651
CRD Number (if any):
7654

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

WELLS FARGO BANK, N.A.

(c) Primary business name of custodian:

WELLS FARGO BANK, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: SIOUX FALLS State: South Dakota Country: United States

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KB1H1DSPRFMYMCFXT09

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:

CITCO FUND SERVICES (CAYMAN ISLANDS) LTD

(c) Location of administrator (city, state and country):

City:

JERSEY CITY

State:

New Jersey

Country:

United States

Yes No

(d) Is the administrator a *related person* of your firm?

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?

Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

D. E. SHAW & CO., L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes?

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the Private Fund

1. (a) Name of the *private fund*:

D. E. SHAW TERRELLA FUND, L.P.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-7657170835

2. Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW TERRELLA FUND GP, L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Other - CAYMAN ISLANDS - CAYMAN ISLANDS MONETARY AUTHORITY

Yes No

6. (a) Is this a "master fund" in a master-feeder arrangement?

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

No Information Filed

Yes No

(c) Is this a "feeder fund" in a master-feeder arrangement?

(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:

(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

No Information Filed

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

Yes No

8. (a) Is this *private fund* a "fund of funds"?

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

Yes No

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)?

10. What type of fund is the *private fund*?

hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 2,069

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

3

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

0%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

0%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

0%

Your Advisory Services

Yes No

17. (a) Are you a subadviser to this *private fund*?

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

0%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number

021-169651

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

No Information Filed

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

No Information Filed

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

No Information Filed

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

No Information Filed

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes?

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the *Private Fund*

1. (a) Name of the *private fund*:

D. E. SHAW VALENCE PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-4712338271

2. Under the laws of what state or country is the *private fund* organized:

State:

Country:

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director
D. E. SHAW & CO., L.L.C.

- (b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name
D. E. SHAW & CO., L.P.

4. The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

6. (a) Is this a "master fund" in a master-feeder arrangement?

Yes No

- (b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW VALENCE FUND, L.L.C.	805-9626474042
D. E. SHAW VALENCE INTERNATIONAL FUND, L.P.	805-9898645133

Yes No

- (c) Is this a "feeder fund" in a master-feeder arrangement?

- (d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:

(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

- (a) Name of the *private fund*:

D. E. SHAW VALENCE FUND, L.L.C.

- (b) *Private fund* identification number:

(include the "805-" prefix also)

805-9626474042

- (c) Under the laws of what state or country is the *private fund* organized:

State:
Delaware

Country:
United States

- (d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director
D. E. SHAW & CO., L.L.C.

- (d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

- (e) The *private fund* (check all that apply; you must check at least one):
- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940
- (f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

- (a) Name of the *private fund*:
D. E. SHAW VALENCE INTERNATIONAL FUND, L.P.
- (b) *Private fund* identification number:
(include the "805-" prefix also)
805-9898645133
- (c) Under the laws of what state or country is the *private fund* organized:
State: Country:
Cayman Islands

- (d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW VALENCE INTERNATIONAL FUND GP, L.L.C.

- (d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

- (e) The *private fund* (check all that apply; you must check at least one):
- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940
- (f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"?

Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

- (b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)?

Yes No

10. What type of fund is the *private fund*?

hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 26,530,434,740

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

194

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

41%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

13%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

35%

Your Advisory Services

Yes No

17. (a) Are you a subadviser to this *private fund*?

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

6%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number

021-232002

021-232003

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions

(b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(d) Is the auditing firm an *independent public accountant*?

Yes No

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board?

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules?

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

Yes No

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

24. (a) Does the *private fund* use one or more prime brokers?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 47 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF AMERICA, N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF MONTREAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF NEW YORK MELLON

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC, NEW YORK BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BARCLAYS CAPITAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 41342

CRD Number (if any):

19714

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BMO CAPITAL MARKETS CORP.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 34344

CRD Number (if any):

16686

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BNP PARIBAS

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BNP PARIBAS SECURITIES CORP.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BOFA SECURITIES INDIA LIMITED

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:	State:	Country:
MUMBAI		India

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
BOFA SECURITIES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 69787

CRD Number (if any):

283942

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CIBC WORLD MARKETS CORP.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CITIBANK N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

CITIGROUP GLOBAL MARKETS INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 8177

CRD Number (if any):

7059

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CITIGROUP GLOBAL MARKETS LTD

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

LONDON

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CREDIT SUISSE INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

LONDON

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

LONDON

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CREDIT SUISSE SECURITIES (USA) LLC

(c) If the prime broker is registered with the SEC, its registration number:
8 - 422
CRD Number (if any):
816

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
DAIWA CAPITAL MARKETS EUROPE LIMITED

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
DEUTSCHE BANK AG

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: FRANKFURT State: Country: Germany

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
GOLDMAN SACHS BANK USA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

GOLDMAN SACHS INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

HSBC BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

HSBC SECURITIES (USA) INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
J.P. MORGAN SECURITIES LLC

(c) If the prime broker is registered with the SEC, its registration number:
8 - 35008
CRD Number (if any):
79

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
J.P. MORGAN SECURITIES PLC

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: LONDON State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
JPMORGAN CHASE BANK N.A.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MACQUARIE BANK LIMITED

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: SYDNEY State: Country: Australia

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MERRILL LYNCH INTERNATIONAL

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: LONDON State: Country: United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MIZUHO CAPITAL MARKETS LLC

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: WILMINGTON State: Delaware Country: United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MIZUHO MARKETS CAYMAN LP

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

GRAND CAYMAN

Cayman Islands

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

LONDON

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

MORGAN STANLEY CAPITAL SERVICES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

NEW YORK

New York

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

NATIONAL BANK OF CANADA FINANCIAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 39947

CRD Number (if any):

22698

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATIXIS SA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
PARIS

State:

Country:
France

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATIXIS SECURITIES AMERICAS LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 719

CRD Number (if any):

1101

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
WILMINGTON

State:
Delaware

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NATWEST MARKETS PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
EDINBURGH

State:

Country:
United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
NOMURA INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
SCOTIA CAPITAL (USA) INC.

(c) If the prime broker is registered with the SEC, its registration number:
8 - 3716
CRD Number (if any):
2739

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
SKANDINAVISKA ENSKILDA BANKEN AB

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

STOCKHOLM

State:

Country:

Sweden

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

SOCIETE GENERALE

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

STANDARD CHARTERED BANK

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

THE BANK OF NOVA SCOTIA

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
TORONTO

State:

Country:
Canada

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS SECURITIES LLC

(c) If the prime broker is registered with the SEC, its registration number:

8 - 22651

CRD Number (if any):

7654

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 56 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ALLSPRING FUNDS MANAGEMENT, LLC

(c) Primary business name of custodian:
ALLSPRING FUNDS MANAGEMENT, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

State:

Country:

WILMINGTON

Delaware

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300HDKZE50HZZOG90

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANK OF AMERICA, N.A.

(c) Primary business name of custodian:

BANK OF AMERICA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

B4TYDEB6GKMZO031MB27

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANK OF MONTREAL

(c) Primary business name of custodian:

BANK OF MONTREAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

NQQ6HPCNCCU6TUTQYE16

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANK OF NEW YORK MELLON

(c) Primary business name of custodian:
BANK OF NEW YORK MELLON

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
HPFHU00Q28E4N0NFVK49

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS BANK PLC

(c) Primary business name of custodian:
BARCLAYS BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BARCLAYS BANK PLC, NEW YORK BRANCH

(c) Primary business name of custodian:
BARCLAYS BANK PLC, NEW YORK BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS CAPITAL INC.

(c) Primary business name of custodian:

BARCLAYS CAPITAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 41342

CRD Number (if any):

19714

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) Primary business name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K9WDOH4D2PYBSLSOB484

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BLACK ROCK, INC.

(c) Primary business name of custodian:
BLACK ROCK, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300LRIF3NWCU26A80

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BMO CAPITAL MARKETS CORP.

(c) Primary business name of custodian:
BMO CAPITAL MARKETS CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 34344

CRD Number (if any):

16686

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS

(c) Primary business name of custodian:
BNP PARIBAS

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS SECURITIES CORP.

(c) Primary business name of custodian:
BNP PARIBAS SECURITIES CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RCNB6OTYUAMMP879YW96

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BOFA SECURITIES INDIA LIMITED

(c) Primary business name of custodian:
BOFA SECURITIES INDIA LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
MUMBAI

State:

Country:
India

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300A5QXDCAXLKH833

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BOFA SECURITIES, INC.

(c) Primary business name of custodian:
BOFA SECURITIES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 69787

CRD Number (if any):
283942

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CIBC WORLD MARKETS CORP.

(c) Primary business name of custodian:
CIBC WORLD MARKETS CORP.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300445CON3DBMU275

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CITIBANK N.A.

(c) Primary business name of custodian:
CITIBANK N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
E57ODZWZ7FF32TWEFA76

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CITIGROUP GLOBAL MARKETS INC.

(c) Primary business name of custodian:
CITIGROUP GLOBAL MARKETS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
8 - 8177
CRD Number (if any):
7059

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CITIGROUP GLOBAL MARKETS LTD

(c) Primary business name of custodian:
CITIGROUP GLOBAL MARKETS LTD

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
XKZZ2JZF41MRHTR1V493

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
COMPUTERSHARE LIMITED

(c) Primary business name of custodian:
COMPUTERSHARE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
CHICAGO	Illinois	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CONTINENTAL STOCK TRANSFER & TRUST COMPANY

(c) Primary business name of custodian:

CONTINENTAL STOCK TRANSFER & TRUST COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CREDIT SUISSE INTERNATIONAL

(c) Primary business name of custodian:

CREDIT SUISSE INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

E58DKGMJYYYYJLN8C3868

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(c) Primary business name of custodian:
CREDIT SUISSE SECURITIES (EUROPE) LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

DL6FFRRLF74S01HE2M14

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CREDIT SUISSE SECURITIES (USA) LLC

(c) Primary business name of custodian:
CREDIT SUISSE SECURITIES (USA) LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 422
CRD Number (if any):
816

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
DAIWA CAPITAL MARKETS EUROPE LIMITED

(c) Primary business name of custodian:
DAIWA CAPITAL MARKETS EUROPE LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MIM2K09LFYD4IB163W58

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

DEUTSCHE BANK AG

(c) Primary business name of custodian:

DEUTSCHE BANK AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

FRANKFURT

State:

Country:

Germany

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

7LTFWZYICNSX8D621K86

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

EQUINITI TRUST COMPANY

(c) Primary business name of custodian:

EQUINITI TRUST COMPANY

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

BOSTON

State:

Massachusetts

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
GOLDMAN SACHS BANK USA

(c) Primary business name of custodian:
GOLDMAN SACHS BANK USA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: State: Country:
SALT LAKE CITY Utah United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
KD3XUN7C6T14HNAYLU02

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
GOLDMAN SACHS INTERNATIONAL

(c) Primary business name of custodian:
GOLDMAN SACHS INTERNATIONAL

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: State: Country:
LONDON United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
W22LROWP2IHZNBB6K528

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK PLC

(c) Primary business name of custodian:
HSBC BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: State: Country:
LONDON United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
MP6I5ZYZBEU3UXPYFY54

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK USA, N.A.

(c) Primary business name of custodian:
HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
11E8VN30JCEQV1H4R804

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC SECURITIES (USA) INC.

(c) Primary business name of custodian:
HSBC SECURITIES (USA) INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
CYYGQCGNHMHPMRL3R97

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

INVESCO ADVISERS, INC.

(c) Primary business name of custodian:
INVESCO ADVISERS, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

O37NHJVF7S22I1ONOU83

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
J.P. MORGAN SECURITIES LLC

(c) Primary business name of custodian:
J.P. MORGAN SECURITIES LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 35008

CRD Number (if any):

79

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
J.P. MORGAN SECURITIES PLC

(c) Primary business name of custodian:
J.P. MORGAN SECURITIES PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K6Q0W1PS1L1O4IQL9C32

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

JPMORGAN CHASE BANK N.A.

(c) Primary business name of custodian:

JPMORGAN CHASE BANK N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

7H6GLXDRUGQFU57RNE97

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MACQUARIE BANK LIMITED

(c) Primary business name of custodian:

MACQUARIE BANK LIMITED

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

SYDNEY

State:

Country:

Australia

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

4ZHCHI4KYZG2WVRT8631

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MERRILL LYNCH INTERNATIONAL

(c) Primary business name of custodian:

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

GGDZP1UYGU9STUHRDP48

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MIZUHO CAPITAL MARKETS LLC

(c) Primary business name of custodian:

MIZUHO CAPITAL MARKETS LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: WILMINGTON State: Delaware Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

OV6W8S6QX2D1J857QP30

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MIZUHO MARKETS CAYMAN LP

(c) Primary business name of custodian:

MIZUHO MARKETS CAYMAN LP

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: GRAND CAYMAN State: Country: Cayman Islands

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
549300KHUXLS6Q30KT26

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) Primary business name of custodian:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: LONDON State: Country: United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
4PQUHN3JPFGFNF3BB653

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
MORGAN STANLEY CAPITAL SERVICES, INC.

(c) Primary business name of custodian:
MORGAN STANLEY CAPITAL SERVICES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
I7331LVCZKQKX5T7XV54

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NATIONAL BANK OF CANADA FINANCIAL INC.

(c) Primary business name of custodian:
NATIONAL BANK OF CANADA FINANCIAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 39947

CRD Number (if any):

22698

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATIXIS SA

(c) Primary business name of custodian:

NATIXIS SA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
PARIS		France

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

KX1WK48MPD4Y2NCUIZ63

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NATIXIS SECURITIES AMERICAS LLC

(c) Primary business name of custodian:

NATIXIS SECURITIES AMERICAS LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 719

CRD Number (if any):

1101

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NATWEST MARKETS PLC

(c) Primary business name of custodian:
NATWEST MARKETS PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
EDINBURGH		United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RR3QWICWWIPCS8A4S074

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(c) Primary business name of custodian:
NOMURA GLOBAL FINANCIAL PRODUCTS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

OZ3VO5H2G7GRS05BHJ91

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
NOMURA INTERNATIONAL PLC

(c) Primary business name of custodian:
NOMURA INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

DGQCSV2PHVF712743539

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

NORTHERN TRUST INVESTMENTS, INC.

(c) Primary business name of custodian:

NORTHERN TRUST INVESTMENTS, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

CHICAGO

State:

Illinois

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BEL4B8X7EHJU845Y2N39

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

SCOTIA CAPITAL (USA) INC.

(c) Primary business name of custodian:

SCOTIA CAPITAL (USA) INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 3716

CRD Number (if any):

2739

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one

custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

SKANDINAVISKA ENSKILDA BANKEN AB

(c) Primary business name of custodian:

SKANDINAVISKA ENSKILDA BANKEN AB

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

STOCKHOLM

State:

Country:

Sweden

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

F3JS33DEI6XQ4ZBPTN86

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

SOCIETE GENERALE

(c) Primary business name of custodian:

SOCIETE GENERALE

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

PARIS

State:

Country:

France

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

O2RNE8IBXP4R0TD8PU41

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

STANDARD CHARTERED BANK

(c) Primary business name of custodian:

STANDARD CHARTERED BANK

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

RILFO74KP1CM8P6PCT96

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

STATE STREET INSTITUTIONAL INVESTMENT TRUST

(c) Primary business name of custodian:

STATE STREET INSTITUTIONAL INVESTMENT TRUST

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

BOSTON

State:

Massachusetts

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

THE BANK OF NOVA SCOTIA

(c) Primary business name of custodian:

THE BANK OF NOVA SCOTIA

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

TORONTO

State:

Country:

Canada

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

L3I9ZG2KFGXZ61BMYR72

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS AG

(c) Primary business name of custodian:

UBS AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCCEMIK50

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS SECURITIES LLC

(c) Primary business name of custodian:

UBS SECURITIES LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 22651

CRD Number (if any):

7654

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:

CITCO FUND SERVICES (CAYMAN ISLANDS) LTD.

(c) Location of administrator (city, state and country):

City:

JERSEY CITY

State:

New Jersey

Country:

United States

Yes No

(d) Is the administrator a *related person* of your firm?

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?

Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

D. E. SHAW & CO., L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes? Yes No

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the *Private Fund*

1. (a) Name of the *private fund*:

D. E. SHAW VOLTAIC PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-6212791776

2. Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW MANAGER III, L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER III, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

6. (a) Is this a "master fund" in a master-feeder arrangement? Yes No

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of *private fund*

D. E. SHAW VOLTAIC FUND, L.L.C.

***Private fund* identification number**

805-4026410976

Yes No

(c) Is this a "feeder fund" in a master-feeder arrangement?



(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:
(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW VOLTAIC FUND, L.L.C.

(b) *Private fund* identification number:
(include the "805-" prefix also)

805-4026410976

(c) Under the laws of what state or country is the *private fund* organized:

State:
Delaware

Country:
United States

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW MANAGER III, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER III, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
 (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW VOLTAIC INTERNATIONAL FUND, L.P.

(b) *Private fund* identification number:
(include the "805-" prefix also)

805-3046169275

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW VOLTAIC GENERAL PARTNER, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER III, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"? Yes No
 Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*? Yes No
 Yes No

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)? Yes No
 Yes No

10. What type of fund is the *private fund*?
 hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:
\$ 378,930,073

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:
\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:
27

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:
21%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:
17%

(b) If the *private fund* qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*? Yes No
 Yes No

16. What is the approximate percentage of the *private fund* beneficially owned by non-United States persons:

55%

Your Advisory Services

17. (a) Are you a subadviser to this *private fund*? Yes No
- (b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*? Yes No
- (b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

19. Are your *clients* solicited to invest in the *private fund*? Yes No
- NOTE: For purposes of this question, do not consider feeder funds of the private fund.*

20. Approximately what percentage of your *clients* has invested in the *private fund*?
3%

Private Offering

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933? Yes No
22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number
021-428318
021-428322

B. SERVICE PROVIDERS

Auditors

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit? Yes No
- (2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP? Yes No

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(d) Is the auditing firm an *independent public accountant*? Yes No

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board? Yes No

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules? Yes No

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

No Information Filed

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 1 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK USA, N.A.

(c) Primary business name of custodian:
HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
1IE8VN30JCEQV1H4R804

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:

(c) Location of administrator (city, state and country):

City:
JERSEY CITYState:
New JerseyCountry:
United States

Yes No

(d) Is the administrator a *related person* of your firm? Yes No(e) Does the administrator prepare and send investor account statements to the *private fund's* investors? Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

D. E. SHAW & CO. L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes? Yes NoYou must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the Private Fund1. (a) Name of the *private fund*:

DEAVI PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-8452274016

2. Under the laws of what state or country is the *private fund* organized:State:
DelawareCountry:
United States3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):**Name of General Partner, Manager, Trustee, or Director**

D. E. SHAW ALKALI HOLDINGS VI, L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.**Filing Adviser/Relying Adviser Name**

D. E. SHAW ALKALI ADVISER VI, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

6. (a) Is this a "master fund" in a master-feeder arrangement?



(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW ALKALI FUND VI, L.L.C.	805-9213712799
D. E. SHAW ALKALI INTERNATIONAL FUND VI, L.P.	805-8786486702

(c) Is this a "feeder fund" in a master-feeder arrangement?



(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:
(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW ALKALI FUND VI, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-9213712799

(c) Under the laws of what state or country is the *private fund* organized:

State:
Delaware

Country:
United States

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI MANAGER VI, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ALKALI ADVISER VI, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW ALKALI INTERNATIONAL FUND VI, L.P.

(b) *Private fund* identification number:
(include the "805-" prefix also)
805-8786486702

(c) Under the laws of what state or country is the *private fund* organized:

State: Country:
Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER VI, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ALKALI ADVISER VI, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
 (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"? Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)? Yes No

10. What type of fund is the *private fund*?

hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 583,144,960

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

20

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

13%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:
0%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:
56%

Your Advisory Services

Yes No

17. (a) Are you a subadviser to this *private fund*?

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the private fund.

20. Approximately what percentage of your *clients* has invested in the *private fund*?
3%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number
021-490865
021-490866

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(d) Is the auditing firm an *independent public accountant*?

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board?

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules?

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 2 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

UBS AG, LONDON BRANCH

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 5 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

ALLSPRING FUNDS MANAGEMENT, LLC

(c) Primary business name of custodian:

ALLSPRING FUNDS MANAGEMENT, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

WILMINGTON

State:

Delaware

Country:

United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300HDKZE50HZZOG90

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) Primary business name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K9WDOH4D2PYBSLSOB484

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK PLC

(c) Primary business name of custodian:

HSBC BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: United Kingdom Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MP6I5ZYZBEU3UXPYFY54

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK USA, N.A.

(c) Primary business name of custodian:

HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

11E8VN30JCEQV1H4R804

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS AG, LONDON BRANCH

(c) Primary business name of custodian:

UBS AG, LONDON BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City: LONDON State: United Kingdom Country: United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

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Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:

CITCO FUND SERVICES (CAYMAN ISLANDS) LTD.

(c) Location of administrator (city, state and country):

City:

JERSEY CITY

State:

New Jersey

Country:

United States

Yes No

(d) Is the administrator a *related person* of your firm?

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?

Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

D. E. SHAW & CO. L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes?

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the Private Fund

1. (a) Name of the *private fund*:

DELALV PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-1322982107

2. Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW MANAGER, L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

Yes No

6. (a) Is this a "master fund" in a master-feeder arrangement?

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW ALKALI FUND V, L.P.	805-6581515338
D. E. SHAW ALKALI INTERNATIONAL FUND V, L.P.	805-8758296704

Yes No

(c) Is this a "feeder fund" in a master-feeder arrangement?

(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:
(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW ALKALI FUND V, L.P.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-6581515338

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER V, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

- (e) The *private fund* (check all that apply; you must check at least one):
- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW ALKALI INTERNATIONAL FUND V, L.P

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-8758296704

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER V, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"?

Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)?

Yes No

10. What type of fund is the *private fund*?

hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 1,547,073,627

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

39

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

12%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

4%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

58%

Your Advisory Services

Yes No

17. (a) Are you a subadviser to this *private fund*?

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

3%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number

021-371043

021-371046

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions

(b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

(d) Is the auditing firm an *independent public accountant*?

Yes No

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board?

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules?

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 9 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANCO SANTANDER, S.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

SANTANDER

State:

Country:

Spain

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Yes No

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

LONDON

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

LONDON

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

State:

Country:

NEW YORK

New York

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BOFA SECURITIES INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
CITIGROUP GLOBAL MARKETS INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 8177

CRD Number (if any):

7059

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
MORGAN STANLEY BANK, N.A

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

SALT LAKE CITY

State:

Utah

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:
UBS AG

(c) If the prime broker is registered with the SEC, its registration number:
-
CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 12 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
ALLSPRING FUNDS MANAGEMENT, LLC

(c) Primary business name of custodian:
ALLSPRING FUNDS MANAGEMENT, LLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
WILMINGTON	Delaware	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
549300HDKZE50HZZOG90

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BANCO SANTANDER, S.A.

(c) Primary business name of custodian:
BANCO SANTANDER, S.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
-------	--------	----------

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

5493006QMFDDMYWIAM13

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS BANK PLC

(c) Primary business name of custodian:

BARCLAYS BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) Primary business name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K9WDOH4D2PYBSLSOB484

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS

(c) Primary business name of custodian:
BNP PARIBAS

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BOFA SECURITIES INC.

(c) Primary business name of custodian:
BOFA SECURITIES INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):
-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)
549300HN4UKV1E2R3U73

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
CITIGROUP GLOBAL MARKETS INC.

(c) Primary business name of custodian:
CITIGROUP GLOBAL MARKETS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):
City: NEW YORK State: New York Country: United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 8177

CRD Number (if any):

7059

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MBNUM2BPBDO7JBLYG310

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK PLC

(c) Primary business name of custodian:

HSBC BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MP6I5ZYZBEU3UXPYFY54

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

HSBC BANK USA, N.A.

(c) Primary business name of custodian:

HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

11E8VN30JCEQV1H4R804

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one

custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MORGAN STANLEY & CO. INTERNATIONAL PLC

(c) Primary business name of custodian:

MORGAN STANLEY & CO. INTERNATIONAL PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

4PQUHN3JPFGFNF3BB653

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

MORGAN STANLEY BANK, N.A

(c) Primary business name of custodian:

MORGAN STANLEY BANK, N.A

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

SALT LAKE CITY

State:

Utah

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G1MLHISON32I3QPILB75

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS AG

(c) Primary business name of custodian:

UBS AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCEMIK50

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm? Yes No

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:

CITCO FUND SERVICES (CAYMAN ISLANDS) LTD.

(c) Location of administrator (city, state and country):

City:

JERSEY CITY

State:

New Jersey

Country:

United States

Yes No

(d) Is the administrator a *related person* of your firm? Yes No

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?

Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

D. E. SHAW & CO. L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes? Yes No

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the Private Fund

1. (a) Name of the *private fund*:

DESALKIV PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

2. Under the laws of what state or country is the *private fund* organized:

State:
Delaware

Country:
United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW MANAGER, L.L.C.

- (b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW ADVISER, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

6. (a) Is this a "master fund" in a master-feeder arrangement?

Yes No

- (b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW ALKALI FUND IV, L.P.	805-5586016798
D. E. SHAW ALKALI INTERNATIONAL FUND IV, L.P.	805-2717070762

Yes No

- (c) Is this a "feeder fund" in a master-feeder arrangement?

- (d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:

(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

- (a) Name of the *private fund*:

D. E. SHAW ALKALI FUND IV, L.P.

- (b) *Private fund* identification number:

(include the "805-" prefix also)

805-5586016798

- (c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

- (d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER IV, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW ALKALI INTERNATIONAL FUND IV, L.P.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-2717070762

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW ALKALI GENERAL PARTNER IV, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW & CO., L.P.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"?

Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other

Yes No

than "money market funds," to the extent provided in Instruction 6.e.)?

10. What type of fund is the *private fund*?

- hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:

\$ 702,911,559

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:

\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:

52

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:

14%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:

5%

Yes No

(b) If the private fund qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*?

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:

29%

Your Advisory Services

Yes No

17. (a) Are you a subadviser to this *private fund*?

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

3%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number

021-307808

021-307812

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit? (2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(d) Is the auditing firm an *independent public accountant*? (e) Is the auditing firm registered with the Public Company Accounting Oversight Board?

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules?

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors? (h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions? Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

Prime Broker

Yes No

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 6 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BOFA SECURITIES, INC.

(c) If the prime broker is registered with the SEC, its registration number:

8 - 69787

CRD Number (if any):

283942

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

(c) If the prime broker is registered with the SEC, its registration number:

8 - 8177

CRD Number (if any):

7059

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

UBS AG

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 10 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS BANK PLC

(c) Primary business name of custodian:

BARCLAYS BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(c) Primary business name of custodian:

BARCLAYS CAPITAL SECURITIES, LTD.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

K9WDOH4D2PYBSLSOB484

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BLACK ROCK, INC.

(c) Primary business name of custodian:

BLACK ROCK, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300LRIF3NWCUCU26A80

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BNP PARIBAS

(c) Primary business name of custodian:

BNP PARIBAS

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BOFA SECURITIES, INC.

(c) Primary business name of custodian:

BOFA SECURITIES, INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 69787

CRD Number (if any):

283942

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

549300HN4UKV1E2R3U73

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

CITIGROUP GLOBAL MARKETS INC.

(c) Primary business name of custodian:

CITIGROUP GLOBAL MARKETS INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:
NEW YORK

State:
New York

Country:
United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

8 - 8177

CRD Number (if any):

7059

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MBNUM2BPBDO7JBLYG310

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK PLC

(c) Primary business name of custodian:
HSBC BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

MP6I5ZYZBEU3UXPYFY54

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK USA, N.A.

(c) Primary business name of custodian:
HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

(e) Is the custodian a *related person* of your firm?

Yes No

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

1IE8VN30JCEQV1H4R804

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
STATE STREET INSTITUTIONAL INVESTMENT TRUST

(c) Primary business name of custodian:
STATE STREET INSTITUTIONAL INVESTMENT TRUST

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
BOSTON	Massachusetts	United States

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS AG

(c) Primary business name of custodian:

UBS AG

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCEMIK50

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:

CITCO FUND SERVICES (CAYMAN ISLANDS) LTD.

(c) Location of administrator (city, state and country):

City:

JERSEY CITY

State:

New Jersey

Country:

United States

Yes No

(d) Is the administrator a *related person* of your firm?

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?

Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes? Yes No

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

A. PRIVATE FUND

Information About the *Private Fund*

1. (a) Name of the *private fund*:

DESDIOP PORTFOLIOS, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-6908621763

2. Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

3. (a) Name(s) of General Partner, Manager, Trustee, or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee, or Director

D. E. SHAW DIOPTER MANAGER, L.L.C.

(b) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*.

Filing Adviser/Relying Adviser Name

D. E. SHAW DIOPTER ADVISER, L.L.C.

4. The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

5. List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

6. (a) Is this a "master fund" in a master-feeder arrangement? Yes No

(b) If yes, what is the name and *private fund* identification number (if any) of the feeder funds investing in this *private fund*?

Name of <i>private fund</i>	<i>Private fund</i> identification number
D. E. SHAW DIOPTER FUND, L.L.C.	805-7117729873
D. E. SHAW DIOPTER INTERNATIONAL FUND, L.P.	805-3520990378

(c) Is this a "feeder fund" in a master-feeder arrangement? Yes No

(d) If yes, what is the name and *private fund* identification number (if any) of the master fund in which this *private fund* invests?

Name of *private fund*:

Private fund identification number:
(include the "805-" prefix also)

NOTE: You must complete question 6 for each master-feeder arrangement regardless of whether you are filing a single Schedule D, Section 7.B.(1) for the master-feeder arrangement or reporting on the funds separately.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

Additional Feeder Fund Information : 2 Record(s) Filed.

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW DIOPTER FUND, L.L.C.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-7117729873

(c) Under the laws of what state or country is the *private fund* organized:

State:

Delaware

Country:

United States

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW DIOPTER MANAGER, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW DIOPTER ADVISER, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

(1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940

(2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

No Information Filed

7. If you are filing a single Schedule D, Section 7.B.(1) for a master-feeder arrangement according to the instructions to this Section 7.B.(1), for each of the feeder funds answer the following questions:

(a) Name of the *private fund*:

D. E. SHAW DIOPTER INTERNATIONAL FUND, L.P.

(b) *Private fund* identification number:

(include the "805-" prefix also)

805-3520990378

(c) Under the laws of what state or country is the *private fund* organized:

State:

Country:

Cayman Islands

(d) (1) Name(s) of General Partner, Manager, Trustee or Directors (or *persons* serving in a similar capacity):

Name of General Partner, Manager, Trustee or Director

D. E. SHAW DIOPTER GENERAL PARTNER, L.L.C.

(d) (2) If filing an *umbrella registration*, identify the *filing adviser* and/or *relying adviser(s)* that sponsor(s) or manage(s) this *private fund*:

Filing Adviser/Relying Adviser Name

D. E. SHAW DIOPTER ADVISER, L.L.C.

(e) The *private fund* (check all that apply; you must check at least one):

- (1) qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940
- (2) qualifies for the exclusion from the definition of investment company under section 3(c)(7) of the Investment Company Act of 1940

(f) List the name and country, in English, of each *foreign financial regulatory authority* with which the *private fund* is registered.

Name of Country/English Name of Foreign Financial Regulatory Authority

Cayman Islands - Cayman Islands Monetary Authority

NOTE: For purposes of questions 6 and 7, in a master-feeder arrangement, one or more funds ("feeder funds") invest all or substantially all of their assets in a single fund ("master fund"). A fund would also be a "feeder fund" investing in a "master fund" for purposes of this question if it issued multiple classes (or series) of shares or interests, and each class (or series) invests substantially all of its assets in a single master fund.

8. (a) Is this *private fund* a "fund of funds"? Yes No

NOTE: For purposes of this question only, answer "yes" if the fund invests 10 percent or more of its total assets in other pooled investment vehicles, regardless of whether they are also *private funds* or registered investment companies.

(b) If yes, does the *private fund* invest in funds managed by you or by a *related person*?

9. During your last fiscal year, did the *private fund* invest in securities issued by investment companies registered under the Investment Company Act of 1940 (other than "money market funds," to the extent provided in Instruction 6.e.)? Yes No

10. What type of fund is the *private fund*?
 hedge fund liquidity fund private equity fund real estate fund securitized asset fund venture capital fund Other *private fund*:

NOTE: For definitions of these fund types, please see [Instruction 6 of the Instructions to Part 1A](#).

11. Current gross asset value of the *private fund*:
\$ 1,169,682,533

Ownership

12. Minimum investment commitment required of an investor in the *private fund*:
\$ 1,000,000

NOTE: Report the amount routinely required of investors who are not your *related persons* (even if different from the amount set forth in the organizational documents of the fund).

13. Approximate number of the *private fund's* beneficial owners:
13

14. What is the approximate percentage of the *private fund* beneficially owned by you and your *related persons*:
9%

15. (a) What is the approximate percentage of the *private fund* beneficially owned (in the aggregate) by funds of funds:
12%

(b) If the *private fund* qualifies for the exclusion from the definition of investment company under section 3(c)(1) of the Investment Company Act of 1940, are sales of the fund limited to *qualified clients*? Yes No

16. What is the approximate percentage of the *private fund* beneficially owned by non-*United States persons*:
24%

Your Advisory Services

17. (a) Are you a subadviser to this *private fund*? Yes No

(b) If the answer to question 17.(a) is "yes," provide the name and SEC file number, if any, of the adviser of the *private fund*. If the answer to question 17.(a) is "no," leave

this question blank.

No Information Filed

Yes No

18. (a) Do any investment advisers (other than the investment advisers listed in Section 7.B.(1).A.3.(b)) advise the *private fund*?

(b) If the answer to question 18.(a) is "yes," provide the name and SEC file number, if any, of the other advisers to the *private fund*. If the answer to question 18.(a) is "no," leave this question blank.

No Information Filed

Yes No

19. Are your *clients* solicited to invest in the *private fund*?

NOTE: For purposes of this question, do not consider feeder funds of the *private fund*.

20. Approximately what percentage of your *clients* has invested in the *private fund*?

3%

Private Offering

Yes No

21. Has the *private fund* ever relied on an exemption from registration of its securities under Regulation D of the Securities Act of 1933?

22. If yes, provide the *private fund's* Form D file number (if any):

Form D file number

021-459056

021-459057

B. SERVICE PROVIDERS

Auditors

Yes No

23. (a) (1) Are the *private fund's* financial statements subject to an annual audit?

(2) If the answer to question 23.(a)(1) is "yes," are the financial statements prepared in accordance with U.S. GAAP?

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

Additional Auditor Information : 1 Record(s) Filed.

If the answer to question 23.(a)(1) is "yes," respond to questions (b) through (h) below. If the *private fund* uses more than one auditing firm, you must complete questions (b) through (f) separately for each auditing firm.

(b) Name of the auditing firm:

ERNST & YOUNG LLP

(c) The location of the auditing firm's office responsible for the *private fund's* audit (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(d) Is the auditing firm an *independent public accountant*?

(e) Is the auditing firm registered with the Public Company Accounting Oversight Board?

If yes, Public Company Accounting Oversight Board-Assigned Number:

42

(f) If "yes" to (e) above, is the auditing firm subject to regular inspection by the Public Company Accounting Oversight Board in accordance with its rules?

Yes No

(g) Are the *private fund's* audited financial statements for the most recently completed fiscal year distributed to the *private fund's* investors?

(h) Do all of the reports prepared by the auditing firm for the *private fund* since your last *annual updating amendment* contain unqualified opinions?

Yes No Report Not Yet Received

If you check "Report Not Yet Received," you must promptly file an amendment to your Form ADV to update your response when the report is available.

24. (a) Does the *private fund* use one or more prime brokers?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

Additional Prime Broker Information : 7 Record(s) Filed.

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANCO SANTANDER, S.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

SANTANDER

State:

Country:

Spain

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BANK OF AMERICA, N.A.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS BANK PLC

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BARCLAYS CAPITAL INC.

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

BNP PARIBAS

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

DEUTSCHE BANK AG LONDON

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

If the answer to question 24.(a) is "yes," respond to questions (b) through (e) below for each prime broker the *private fund* uses. If the *private fund* uses more than one prime broker, you must complete questions (b) through (e) separately for each prime broker.

(b) Name of the prime broker:

(c) If the prime broker is registered with the SEC, its registration number:

-

CRD Number (if any):

(d) Location of prime broker's office used principally by the *private fund* (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Does this prime broker act as custodian for some or all of the *private fund's* assets?

Custodian

Yes No

25. (a) Does the *private fund* use any custodians (including the prime brokers listed above) to hold some or all of its assets?

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

Additional Custodian Information : 9 Record(s) Filed.

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANCO SANTANDER, S.A.

(c) Primary business name of custodian:

BANCO SANTANDER, S.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

SANTANDER

State:

Country:

Spain

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

5493006QMFDDMYWIAM13

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BANK OF AMERICA, N.A.

(c) Primary business name of custodian:

BANK OF AMERICA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

B4TYDEB6GKMZO031MB27

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS BANK PLC

(c) Primary business name of custodian:

BARCLAYS BANK PLC

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

G5GSEF7VJP5I7OUK5573

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

BARCLAYS CAPITAL INC.

(c) Primary business name of custodian:

BARCLAYS CAPITAL INC.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

NEW YORK

State:

New York

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

AC28XWWI3WIBK2824319

If the answer to question 25.(a) is "yes," respond to questions (b) through g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
BNP PARIBAS

(c) Primary business name of custodian:
BNP PARIBAS

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

ROMUWSFPU8MPRO8K5P83

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
DEUTSCHE BANK AG LONDON

(c) Primary business name of custodian:
DEUTSCHE BANK AG LONDON

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
LONDON		United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

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If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:
HSBC BANK USA, N.A.

(c) Primary business name of custodian:
HSBC BANK USA, N.A.

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:	State:	Country:
NEW YORK	New York	United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-
CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

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If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

STATE STREET INSTITUTIONAL INVESTMENT TRUST

(c) Primary business name of custodian:

STATE STREET INSTITUTIONAL INVESTMENT TRUST

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

BOSTON

State:

Massachusetts

Country:

United States

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

If the answer to question 25.(a) is "yes," respond to questions (b) through (g) below for each custodian the *private fund* uses. If the *private fund* uses more than one custodian, you must complete questions (b) through (g) separately for each custodian.

(b) Legal name of custodian:

UBS AG, LONDON BRANCH

(c) Primary business name of custodian:

UBS AG, LONDON BRANCH

(d) The location of the custodian's office responsible for *custody* of the *private fund's* assets (city, state and country):

City:

LONDON

State:

Country:

United Kingdom

Yes No

(e) Is the custodian a *related person* of your firm?

(f) If the custodian is a broker-dealer, provide its SEC registration number (if any):

-

CRD Number (if any):

(g) If the custodian is not a broker-dealer, or is a broker-dealer but does not have an SEC registration number, provide its *legal entity identifier* (if any)

BFM8T61CT2L1QCCEMIK50

Administrator

Yes No

26. (a) Does the *private fund* use an administrator other than your firm?

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

Additional Administrator Information : 1 Record(s) Filed.

If the answer to question 26.(a) is "yes," respond to questions (b) through (f) below. If the *private fund* uses more than one administrator, you must complete questions (b) through (f) separately for each administrator.

(b) Name of administrator:

CITCO FUND SERVICES (CAYMAN ISLANDS) LTD.

(c) Location of administrator (city, state and country):

City:

JERSEY CITY

State:

New Jersey

Country:

United States

Yes No

(d) Is the administrator a *related person* of your firm?

Yes No

(e) Does the administrator prepare and send investor account statements to the *private fund's* investors?

Yes (provided to all investors) Some (provided to some but not all investors) No (provided to no investors)

(f) If the answer to question 26.(e) is "no" or "some," who sends the investor account statements to the (rest of the) *private fund's* investors? If investor account statements are not sent to the (rest of the) *private fund's* investors, respond "not applicable."

D. E. SHAW & CO. L.P.

27. During your last fiscal year, what percentage of the *private fund's* assets (by value) was valued by a *person*, such as an administrator, that is not your *related person*?

0%

Include only those assets where (i) such *person* carried out the valuation procedure established for that asset, if any, including obtaining any relevant quotes, and (ii) the valuation used for purposes of investor subscriptions, redemptions or distributions, and fee calculations (including allocations) was the valuation determined by such *person*.

Marketers

Yes No

28. (a) Does the *private fund* use the services of someone other than you or your *employees* for marketing purposes?

Yes No

You must answer "yes" whether the *person* acts as a placement agent, consultant, finder, introducer, municipal advisor or other solicitor, or similar *person*. If the answer to question 28.(a) is "yes," respond to questions (b) through (g) below for each such marketer the *private fund* uses. If the *private fund* uses more than one marketer you must complete questions (b) through (g) separately for each marketer.

No Information Filed

Funds per Page: 15 Total Funds: 13

SECTION 7.B.(2) Private Fund Reporting

No Information Filed

Item 8 Participation or Interest in Client Transactions

In this Item, we request information about your participation and interest in your *clients'* transactions. This information identifies additional areas in which conflicts of interest may occur between you and your *clients*. Newly-formed advisers should base responses to these questions on the types of participation and interest that you expect to engage in during the next year.

Like Item 7, Item 8 requires you to provide information about you and your *related persons*, including foreign affiliates.

Proprietary Interest in Client Transactions

A. Do you or any *related person*:

Yes No

(1) buy securities for yourself from advisory *clients*, or sell securities you own to advisory *clients* (principal transactions)?

Yes No

(2) buy or sell for yourself securities (other than shares of mutual funds) that you also recommend to advisory *clients*?

Yes No

(3) recommend securities (or other investment products) to advisory *clients* in which you or any *related person* has some other proprietary (ownership) interest (other than those mentioned in Items 8.A.(1) or (2))?

Yes No

Sales Interest in Client Transactions

B. Do you or any *related person*:

Yes No

- (1) as a broker-dealer or registered representative of a broker-dealer, execute securities trades for brokerage customers in which advisory *client* securities are sold to or bought from the brokerage customer (agency cross transactions)?
- (2) recommend to advisory *clients*, or act as a purchaser representative for advisory *clients* with respect to, the purchase of securities for which you or any *related person* serves as underwriter or general or managing partner?
- (3) recommend purchase or sale of securities to advisory *clients* for which you or any *related person* has any other sales interest (other than the receipt of sales commissions as a broker or registered representative of a broker-dealer)?

Investment or Brokerage Discretion

- C. Do you or any *related person* have *discretionary authority* to determine the: Yes No
- (1) securities to be bought or sold for a *client's* account?
 - (2) amount of securities to be bought or sold for a *client's* account?
 - (3) broker or dealer to be used for a purchase or sale of securities for a *client's* account?
 - (4) commission rates to be paid to a broker or dealer for a *client's* securities transactions?
- D. If you answer "yes" to C.(3) above, are any of the brokers or dealers *related persons*?
- E. Do you or any *related person* recommend brokers or dealers to *clients*?
- F. If you answer "yes" to E. above, are any of the brokers or dealers *related persons*?
- G. (1) Do you or any *related person* receive research or other products or services other than execution from a broker-dealer or a third party ("soft dollar benefits") in connection with *client* securities transactions?
- (2) If "yes" to G.(1) above, are all the "soft dollar benefits" you or any *related persons* receive eligible "research or brokerage services" under section 28(e) of the Securities Exchange Act of 1934?
- H. (1) Do you or any *related person*, directly or indirectly, compensate any *person* that is not an *employee* for *client* referrals?
- (2) Do you or any *related person*, directly or indirectly, provide any *employee* compensation that is specifically related to obtaining *clients* for the firm (cash or non-cash compensation in addition to the *employee's* regular salary)?
- I. Do you or any *related person*, including any *employee*, directly or indirectly, receive compensation from any *person* (other than you or any *related person*) for *client* referrals?
- In your response to Item 8.I., do not include the regular salary you pay to an employee.*

In responding to Items 8.H. and 8.I., consider all cash and non-cash compensation that you or a related person gave to (in answering Item 8.H.) or received from (in answering Item 8.I.) any person in exchange for client referrals, including any bonus that is based, at least in part, on the number or amount of client referrals.

Item 9 Custody

In this Item, we ask you whether you or a *related person* has *custody* of *client* (other than *clients* that are investment companies registered under the Investment Company Act of 1940) assets and about your custodial practices.

- A. (1) Do you have *custody* of any advisory *clients'*: Yes No
- (a) cash or bank accounts?
 - (b) securities?

If you are registering or registered with the SEC, answer "No" to Item 9.A.(1)(a) and (b) if you have custody solely because (i) you deduct your advisory fees directly from your clients' accounts, or (ii) a related person has custody of client assets in connection with advisory services you provide to clients, but you have overcome the presumption that you are not operationally independent (pursuant to Advisers Act rule 206(4)-2(d)(5)) from the related person.

- (2) If you checked "yes" to Item 9.A.(1)(a) or (b), what is the approximate amount of *client* funds and securities and total number of *clients* for which you have *custody*:

U.S. Dollar Amount	Total Number of <i>Clients</i>
(a) \$	(b)

If you are registering or registered with the SEC and you have custody solely because you deduct your advisory fees directly from your clients' accounts, do not include the amount of those assets and the number of those clients in your response to Item 9.A.(2). If your related person has custody of client assets in connection with advisory services you provide to clients, do not include the amount of those assets and number of those clients in your response to 9.A.(2). Instead, include that information in your response to Item 9.B.(2).

- B. (1) In connection with advisory services you provide to *clients*, do any of your *related persons* have *custody* of any of your advisory *clients'*: Yes No
- (a) cash or bank accounts?
 - (b) securities?

You are required to answer this item regardless of how you answered Item 9.A.(1)(a) or (b).

- (2) If you checked "yes" to Item 9.B.(1)(a) or (b), what is the approximate amount of *client* funds and securities and total number of *clients* for which your *related persons* have *custody*:

U.S. Dollar Amount

(a) \$ 43,699,830,107

Total Number of *Clients*

(b) 31

C. If you or your *related persons* have *custody of client* funds or securities in connection with advisory services you provide to *clients*, check all the following that apply:

- (1) A qualified custodian(s) sends account statements at least quarterly to the investors in the pooled investment vehicle(s) you manage.
- (2) An *independent public accountant* audits annually the pooled investment vehicle(s) that you manage and the audited financial statements are distributed to the investors in the pools.
- (3) An *independent public accountant* conducts an annual surprise examination of *client* funds and securities.
- (4) An *independent public accountant* prepares an internal control report with respect to custodial services when you or your *related persons* are qualified custodians for *client* funds and securities.

If you checked Item 9.C.(2), C.(3) or C.(4), list in Section 9.C. of Schedule D the accountants that are engaged to perform the audit or examination or prepare an internal control report. (If you checked Item 9.C.(2), you do not have to list auditor information in Section 9.C. of Schedule D if you already provided this information with respect to the private funds you advise in Section 7.B.(1) of Schedule D).

D. Do you or your *related person(s)* act as qualified custodians for your *clients* in connection with advisory services you provide to *clients*? **Yes No**

- (1) you act as a qualified custodian
- (2) your *related person(s)* act as qualified custodian(s)

If you checked "yes" to Item 9.D.(2), all related persons that act as qualified custodians (other than any mutual fund transfer agent pursuant to rule 206(4)-2(b)(1)) must be identified in Section 7.A. of Schedule D, regardless of whether you have determined the related person to be operationally independent under rule 206(4)-2 of the Advisers Act.

E. If you are filing your *annual updating amendment* and you were subject to a surprise examination by an *independent public accountant* during your last fiscal year, provide the date (MM/YYYY) the examination commenced:

F. If you or your *related persons* have *custody of client* funds or securities, how many *persons*, including, but not limited to, you and your *related persons*, act as qualified custodians for your *clients* in connection with advisory services you provide to *clients*?

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SECTION 9.C. *Independent Public Accountant*

No Information Filed

Item 10 Control Persons

In this Item, we ask you to identify every *person* that, directly or indirectly, *controls* you. If you are filing an *umbrella registration*, the information in Item 10 should be provided for the *filing adviser* only.

If you are submitting an initial application or report, you must complete Schedule A and Schedule B. Schedule A asks for information about your direct owners and executive officers. Schedule B asks for information about your indirect owners. If this is an amendment and you are updating information you reported on either Schedule A or Schedule B (or both) that you filed with your initial application or report, you must complete Schedule C.

A. Does any *person* not named in Item 1.A. or Schedules A, B, or C, directly or indirectly, *control* your management or policies? **Yes No**

If yes, complete Section 10.A. of Schedule D.

B. If any *person* named in Schedules A, B, or C or in Section 10.A. of Schedule D is a public reporting company under Sections 12 or 15(d) of the Securities Exchange Act of 1934, please complete Section 10.B. of Schedule D.

SECTION 10.A. *Control Persons*

No Information Filed

SECTION 10.B. *Control Person Public Reporting Companies*

No Information Filed

Item 11 Disclosure Information

In this Item, we ask for information about your disciplinary history and the disciplinary history of all your *advisory affiliates*. We use this information to determine whether to grant your application for registration, to decide whether to revoke your registration or to place limitations on your activities as an investment adviser, and to identify potential problem areas to

focus on during our on-site examinations. One event may result in "yes" answers to more than one of the questions below. In accordance with General Instruction 5 to Form ADV, "you" and "your" include the *filing adviser* and all *relying advisers* under an *umbrella registration*.

Your *advisory affiliates* are: (1) all of your current *employees* (other than *employees* performing only clerical, administrative, support or similar functions); (2) all of your officers, partners, or directors (or any *person* performing similar functions); and (3) all *persons* directly or indirectly *controlling* you or *controlled* by you. If you are a "separately identifiable department or division" (SID) of a bank, see the Glossary of Terms to determine who your *advisory affiliates* are.

If you are registered or registering with the SEC or if you are an exempt reporting adviser, you may limit your disclosure of any event listed in Item 11 to ten years following the date of the event. If you are registered or registering with a state, you must respond to the questions as posed; you may, therefore, limit your disclosure to ten years following the date of an event only in responding to Items 11.A.(1), 11.A.(2), 11.B.(1), 11.B.(2), 11.D.(4), and 11.H.(1)(a). For purposes of calculating this ten-year period, the date of an event is the date the final order, judgment, or decree was entered, or the date any rights of appeal from preliminary orders, judgments, or decrees lapsed.

You must complete the appropriate Disclosure Reporting Page ("DRP") for "yes" answers to the questions in this Item 11.

	Yes	No
Do any of the events below involve you or any of your <i>supervised persons</i> ?	<input type="radio"/>	<input type="radio"/>

For "yes" answers to the following questions, complete a Criminal Action DRP:

A. In the past ten years, have you or any <i>advisory affiliate</i> :	Yes	No
(1) been convicted of or pled guilty or nolo contendere ("no contest") in a domestic, foreign, or military court to any <i>felony</i> ?	<input type="radio"/>	<input checked="" type="radio"/>
(2) been <i>charged</i> with any <i>felony</i> ?	<input type="radio"/>	<input checked="" type="radio"/>

If you are registered or registering with the SEC, or if you are reporting as an exempt reporting adviser, you may limit your response to Item 11.A.(2) to charges that are currently pending.

B. In the past ten years, have you or any <i>advisory affiliate</i> :	Yes	No
(1) been convicted of or pled guilty or nolo contendere ("no contest") in a domestic, foreign, or military court to a <i>misdemeanor</i> involving: investments or an <i>investment-related</i> business, or any fraud, false statements, or omissions, wrongful taking of property, bribery, perjury, forgery, counterfeiting, extortion, or a conspiracy to commit any of these offenses?	<input type="radio"/>	<input checked="" type="radio"/>
(2) been <i>charged</i> with a <i>misdemeanor</i> listed in Item 11.B.(1)?	<input type="radio"/>	<input checked="" type="radio"/>

If you are registered or registering with the SEC, or if you are reporting as an exempt reporting adviser, you may limit your response to Item 11.B.(2) to charges that are currently pending.

For "yes" answers to the following questions, complete a Regulatory Action DRP:

C. Has the SEC or the Commodity Futures Trading Commission (CFTC) ever:	Yes	No
(1) <i>found</i> you or any <i>advisory affiliate</i> to have made a false statement or omission?	<input type="radio"/>	<input checked="" type="radio"/>
(2) <i>found</i> you or any <i>advisory affiliate</i> to have been <i>involved</i> in a violation of SEC or CFTC regulations or statutes?	<input checked="" type="radio"/>	<input type="radio"/>
(3) <i>found</i> you or any <i>advisory affiliate</i> to have been a cause of an <i>investment-related</i> business having its authorization to do business denied, suspended, revoked, or restricted?	<input type="radio"/>	<input checked="" type="radio"/>
(4) entered an <i>order</i> against you or any <i>advisory affiliate</i> in connection with <i>investment-related</i> activity?	<input checked="" type="radio"/>	<input type="radio"/>
(5) imposed a civil money penalty on you or any <i>advisory affiliate</i> , or <i>ordered</i> you or any <i>advisory affiliate</i> to cease and desist from any activity?	<input checked="" type="radio"/>	<input type="radio"/>

D. Has any other federal regulatory agency, any state regulatory agency, or any <i>foreign financial regulatory authority</i> :	Yes	No
(1) ever <i>found</i> you or any <i>advisory affiliate</i> to have made a false statement or omission, or been dishonest, unfair, or unethical?	<input type="radio"/>	<input checked="" type="radio"/>
(2) ever <i>found</i> you or any <i>advisory affiliate</i> to have been <i>involved</i> in a violation of <i>investment-related</i> regulations or statutes?	<input checked="" type="radio"/>	<input type="radio"/>
(3) ever <i>found</i> you or any <i>advisory affiliate</i> to have been a cause of an <i>investment-related</i> business having its authorization to do business denied, suspended, revoked, or restricted?	<input type="radio"/>	<input checked="" type="radio"/>
(4) in the past ten years, entered an <i>order</i> against you or any <i>advisory affiliate</i> in connection with an <i>investment-related</i> activity?	<input checked="" type="radio"/>	<input type="radio"/>
(5) ever denied, suspended, or revoked your or any <i>advisory affiliate's</i> registration or license, or otherwise prevented you or any <i>advisory affiliate</i> , by <i>order</i> , from associating with an <i>investment-related</i> business or restricted your or any <i>advisory affiliate's</i> activity?	<input type="radio"/>	<input checked="" type="radio"/>

E. Has any <i>self-regulatory organization</i> or commodities exchange ever:	Yes	No
(1) <i>found</i> you or any <i>advisory affiliate</i> to have made a false statement or omission?	<input type="radio"/>	<input checked="" type="radio"/>
(2) <i>found</i> you or any <i>advisory affiliate</i> to have been <i>involved</i> in a violation of its rules (other than a violation designated as a " <i>minor rule violation</i> " under a plan approved by the SEC)?	<input checked="" type="radio"/>	<input type="radio"/>
(3) <i>found</i> you or any <i>advisory affiliate</i> to have been the cause of an <i>investment-related</i> business having its authorization to do business denied, suspended, revoked, or restricted?	<input type="radio"/>	<input checked="" type="radio"/>
(4) disciplined you or any <i>advisory affiliate</i> by expelling or suspending you or the <i>advisory affiliate</i> from membership, barring or suspending you or the <i>advisory affiliate</i> from association with other members, or otherwise restricting your or the <i>advisory affiliate's</i> activities?	<input type="radio"/>	<input checked="" type="radio"/>

F. Has an authorization to act as an attorney, accountant, or federal contractor granted to you or any <i>advisory affiliate</i> ever been revoked or suspended?	<input type="radio"/>	<input checked="" type="radio"/>
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G. Are you or any <i>advisory affiliate</i> now the subject of any regulatory <i>proceeding</i> that could result in a "yes" answer to any part of Item 11.C., 11.D., or 11.E.?	<input type="radio"/>	<input checked="" type="radio"/>
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For "yes" answers to the following questions, complete a Civil Judicial Action DRP:

H. (1) Has any domestic or foreign court:	Yes	No
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- (a) in the past ten years, *enjoined* you or any *advisory affiliate* in connection with any *investment-related* activity?
- (b) ever *found* that you or any *advisory affiliate* were *involved* in a violation of *investment-related* statutes or regulations?
- (c) ever dismissed, pursuant to a settlement agreement, an *investment-related* civil action brought against you or any *advisory affiliate* by a state or *foreign financial regulatory authority*?
- (2) Are you or any *advisory affiliate* now the subject of any civil *proceeding* that could result in a "yes" answer to any part of Item 11.H.(1)?

Item 12 Small Businesses

The SEC is required by the Regulatory Flexibility Act to consider the effect of its regulations on small entities. In order to do this, we need to determine whether you meet the definition of "small business" or "small organization" under rule 0-7.

Answer this Item 12 only if you are registered or registering with the SEC **and** you indicated in response to Item 5.F.(2)(c) that you have regulatory assets under management of less than \$25 million. You are not required to answer this Item 12 if you are filing for initial registration as a state adviser, amending a current state registration, or switching from SEC to state registration.

For purposes of this Item 12 only:

- Total Assets refers to the total assets of a firm, rather than the assets managed on behalf of *clients*. In determining your or another *person's* total assets, you may use the total assets shown on a current balance sheet (but use total assets reported on a consolidated balance sheet with subsidiaries included, if that amount is larger).
- *Control* means the power to direct or cause the direction of the management or policies of a *person*, whether through ownership of securities, by contract, or otherwise. Any *person* that directly or indirectly has the right to vote 25 percent or more of the voting securities, or is entitled to 25 percent or more of the profits, of another *person* is presumed to *control* the other *person*.

- | | Yes | No |
|---|-----------------------|-----------------------|
| A. Did you have total assets of \$5 million or more on the last day of your most recent fiscal year? | <input type="radio"/> | <input type="radio"/> |
| <i>If "yes," you do not need to answer Items 12.B. and 12.C.</i> | | |
| B. Do you: | | |
| (1) <i>control</i> another investment adviser that had regulatory assets under management (calculated in response to Item 5.F.(2)(c) of Form ADV) of \$25 million or more on the last day of its most recent fiscal year? | <input type="radio"/> | <input type="radio"/> |
| (2) <i>control</i> another <i>person</i> (other than a natural person) that had total assets of \$5 million or more on the last day of its most recent fiscal year? | <input type="radio"/> | <input type="radio"/> |
| C. Are you: | | |
| (1) <i>controlled</i> by or under common <i>control</i> with another investment adviser that had regulatory assets under management (calculated in response to Item 5.F.(2)(c) of Form ADV) of \$25 million or more on the last day of its most recent fiscal year? | <input type="radio"/> | <input type="radio"/> |
| (2) <i>controlled</i> by or under common <i>control</i> with another <i>person</i> (other than a natural person) that had total assets of \$5 million or more on the last day of its most recent fiscal year? | <input type="radio"/> | <input type="radio"/> |

Schedule A

Direct Owners and Executive Officers

- Complete Schedule A only if you are submitting an initial application or report. Schedule A asks for information about your direct owners and executive officers. Use Schedule C to amend this information.
- Direct Owners and Executive Officers. List below the names of:
 - each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, Chief Compliance Officer (Chief Compliance Officer is required if you are registered or applying for registration and cannot be more than one individual), director, and any other individuals with similar status or functions;
 - if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);
Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Schedule, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
 - if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;
 - in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and
 - if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.
- Do you have any indirect owners to be reported on Schedule B? Yes No
- In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.
- Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
 A - 5% but less than 10% C - 25% but less than 50% E - 75% or more
- (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
(c) Complete each column.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
SHAW, DAVID, ELLIOT	I	LIMITED PARTNER	12/1992	D	Y	N	1557735
D. E. SHAW & CO., INC.	DE	GENERAL PARTNER	11/1992	NA	Y	N	
STONE, MAXIMILIAN, DANA	I	EXECUTIVE COMMITTEE MEMBER	01/2005	NA	Y	N	2246217
ZABACK, CHRISTOPHER, MARTIN	I	CHIEF FINANCIAL OFFICER	08/2008	NA	N	N	4048333
FISHMAN, EDWARD, LAURENCE	I	CHIEF OPERATING OFFICER, EXECUTIVE COMMITTEE MEMBER	10/2010	NA	Y	N	2656095
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	06/2011	NA	N	N	4521563
PLAINTEXT HOLDINGS, LLC	DE	LIMITED PARTNER	04/2015	B	N	N	
SWEET, DAVID, MCINTYRE	I	CO-GENERAL COUNSEL	01/2017	NA	N	N	2959457
LEBWOHL, MARTIN, NMN	I	CO-GENERAL COUNSEL	01/2017	NA	N	N	5355729
DINNING, ANNE, CAROLYN	I	EXECUTIVE COMMITTEE MEMBER	07/1997	NA	Y	N	2078654
HALABY, ALEXIS, ANNE	I	EXECUTIVE COMMITTEE MEMBER	06/2021	NA	Y	N	4719650
JAGER, EDWIN, ANDREW	I	EXECUTIVE COMMITTEE MEMBER	01/2024	NA	Y	N	4223985
PRASAD, ANOOP, NMN	I	EXECUTIVE COMMITTEE MEMBER	04/2024	NA	Y	N	2946224
DEATON, ADAM, ANGUS	I	EXECUTIVE COMMITTEE MEMBER	04/2024	NA	Y	N	4169923

Schedule B

Indirect Owners

- Complete Schedule B only if you are submitting an initial application or report. Schedule B asks for information about your indirect owners; you must first complete Schedule A, which asks for information about your direct owners. Use Schedule C to amend this information.
- Indirect Owners. With respect to each owner listed on Schedule A (except individual owners), list below:
 - in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Schedule, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

- in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;
 - in the case of an owner that is a trust, the trust and each trustee; and
 - in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.
- Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.
 - In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
 - Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
 - Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
 - (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
(c) Complete each column.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735
BIG HEN GROUP I, LLC	DE	PLAINTEXT HOLDINGS, LLC	SOLE MEMBER, PLAINTEXT HOLDINGS, LLC	12/2014	E	Y	N	
THE SCHMIDT FAMILY LIVING TRUST	DE	BIG HEN GROUP I, LLC	MEMBER, BIG HEN GROUP I, LLC	10/2004	E	Y	N	
SCHMIDT, ERIC, EMERSON	I	THE SCHMIDT FAMILY LIVING TRUST	CO-TRUSTEE, THE SCHMIDT FAMILY LIVING TRUST	01/1987	F	Y	N	6482891
SCHMIDT, WENDY, NMN	I	THE SCHMIDT FAMILY LIVING TRUST	CO-TRUSTEE, THE SCHMIDT FAMILY LIVING TRUST	01/1987	F	Y	N	6482893

Schedule D - Miscellaneous

You may use the space below to explain a response to an Item or to provide any other information.

|]INFORMATION GENERALLY IS AS OF 12/31/2023. |]ITEM 1.F. CERTAIN EMPLOYEES WHO PERFORM INVESTMENT ADVISORY FUNCTIONS AND ARE BASED IN THE PRINCIPAL OFFICE IN NEW YORK CITY MAY UTILIZE OTHER OFFICES FROM TIME TO TIME. |]ITEM 1.M. ADVISER, ALTHOUGH NOT REGISTERED, HAS LIMITED QUALIFICATIONS AND/OR EXEMPTIONS UPON WHICH IT

RELIES IN CERTAIN FOREIGN JURISDICTIONS | ITEMS 5.A. & B. THE NUMBER OF EMPLOYEES DOES NOT INCLUDE EMPLOYEES WHOSE PRIMARY FUNCTION RELATES TO D. E. SHAW RENEWABLE INVESTMENTS, L.L.C. (DESRI) WHICH IS AN AFFILIATED REGISTERED INVESTMENT ADVISER. DESRI INCLUDES THESE EMPLOYEES IN ITS FORM ADV. CERTAIN SUCH EMPLOYEES ARE EMPLOYEES OF THE ADVISER; MAY SHARE THEIR TIME AMONG DESRI, THE ADVISER, AND/OR RELATED PERSONS; AND RECEIVE COMPENSATION AND OTHER BENEFITS FROM DESRI, THE ADVISER, AND/OR RELATED PERSONS. | ITEM 5.L.(1)(e) & (2). ALTHOUGH THEY DO NOT INCLUDE RATINGS, CERTAIN ADVERTISEMENTS LIST SPECIFIC HONORS OR AWARDS GRANTED BY THIRD PARTIES. THE ADVISER DOES NOT PROVIDE COMPENSATION FOR HONORS OR AWARDS, BUT THE ADVISER AND/OR RELATED PERSONS PURCHASE FROM SUCH THIRD PARTIES VARIOUS GOODS AND SERVICES, INCLUDING ORGANIZATIONAL MEMBERSHIPS, PUBLICATION SUBSCRIPTIONS, AND ADMISSION TO AWARDS EVENTS. | ITEM 6.B. ADVISER ACTS AS THE GENERAL PARTNER, MANAGING MEMBER, HOLDING COMPANY, AND/OR "PARENT COMPANY" FOR CERTAIN OF ITS RELATED PERSONS, INCLUDING CERTAIN NON-INVESTMENT RELATED ENTITIES, AND THIS ACTIVITY MAY BE CONSIDERED TO BE SEPARATE FROM THE PROVISION OF INVESTMENT ADVICE. | ITEM 7.A. CERTAIN OF THE ADVISER'S RELATED PERSONS HAVE NOT BEEN INCLUDED IN SCHEDULE D, AS SUCH RELATED PERSONS DO NOT ENGAGE IN ANY OF THE ACTIVITIES ENUMERATED IN ITEM 7.A. | SECTION 7.B.(1)A.1. CERTAIN MASTER-FEEDER STRUCTURES MAY HAVE MORE THAN ONE MASTER FUND. SUCH ADDITIONAL MASTER FUNDS ARE NOT LISTED, BUT MAY BE USED FOR CERTAIN LEGAL, TAX, REGULATORY, OR OTHER PURPOSES. | SECTION 7.B.(1)A.7.(d)(2), SCHEDULE D. THE FOLLOWING FEEDER FUNDS DO NOT HAVE AN INVESTMENT ADVISER BECAUSE THEY ARE CONDUITS AND DO NOT EXERCISE INVESTMENT DISCRETION: D. E. SHAW ALKALI FUND III, L.P., D. E. SHAW ALKALI FUND IV, L.P., D. E. SHAW ALKALI FUND V, L.P., D. E. SHAW ALKALI INTERNATIONAL FUND III, L.P., D. E. SHAW ALKALI INTERNATIONAL FUND IV, L.P., D. E. SHAW ALKALI INTERNATIONAL FUND V, L.P., D. E. SHAW COMPOSITE GRAPHITE FUND, L.L.C., D. E. SHAW COMPOSITE GRAPHITE INTERNATIONAL FUND, L.P., D. E. SHAW VALENCE FUND, L.L.C., D. E. SHAW VALENCE INTERNATIONAL FUND, L.P., D. E. SHAW VOLTAIC FUND, L.L.C., D. E. SHAW VOLTAIC INTERNATIONAL FUND, L.P., D. E. SHAW DIOPTR FUND, L.L.C., AND D. E. SHAW DIOPTR INTERNATIONAL FUND, L.P. | SECTION 7.B.(1)A.8, SCHEDULE D. EACH PRIVATE FUND IS IN A MASTER-FEEDER ARRANGEMENT. | SECTION 7.B.(1)A.11, SCHEDULE D. THE GROSS ASSET VALUE OF CERTAIN PRIVATE FUNDS EXCLUDES THE INVESTMENT OF AFFILIATED PRIVATE FUNDS. | SECTION 7.B.(1)A.12, SCHEDULE D. MINIMUM INVESTMENT COMMITMENTS MAY BE WAIVED UNDER CERTAIN CIRCUMSTANCES. | SECTION 7.B.(1)A.13-16, SCHEDULE D. THE NUMBER AND PERCENTAGE OF BENEFICIAL OWNERS OF D. E. SHAW VALENCE PORTFOLIOS, L.L.C. EXCLUDE THE INVESTMENT OF AFFILIATED PRIVATE FUNDS AND BENEFICIAL OWNERS OF AFFILIATED PRIVATE FUNDS. | SECTION 7.B.(1)A.18, SCHEDULE D. ADVISER HAS RETAINED STELLUS CAPITAL MANAGEMENT, LLC AS SUB-ADVISED TO PROVIDE CERTAIN INVESTMENT ADVISORY SERVICES WITH RESPECT TO CERTAIN POSITIONS HELD IN PRIVATE FUNDS. | SECTION 7.B.(1)A.24-25, SCHEDULE D. THE LIST OF PRIME BROKERS AND CUSTODIANS FOR EACH PRIVATE FUND EXCLUDES THE PRIME BROKERS AND CUSTODIANS OF AFFILIATED PRIVATE FUNDS IN WHICH THE PRIVATE FUNDS INVEST. | SECTION 7.B.(1)A.27, SCHEDULE D. THE ADMINISTRATOR AND OTHER INDEPENDENT THIRD PARTIES CONDUCT AN INDEPENDENT MONTHLY OR QUARTERLY VERIFICATION OF THE ADVISER'S PRICING OF SUBSTANTIALLY ALL THE INVESTMENT POSITIONS HELD DIRECTLY OR INDIRECTLY BY PRIVATE FUNDS. | ITEM 9.A. & B. CLIENT ASSETS ARE GENERALLY HELD IN CUSTODY BY UNAFFILIATED QUALIFIED CUSTODIANS. HOWEVER, ADVISER OR ITS RELATED PERSONS ARE DEEMED TO HAVE CUSTODY OF CLIENT ASSETS.

Schedule R

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW DIRECT CAPITAL, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's* CRD system or by the IARD system (other than the *filing adviser's* CRD number), your CRD number:

147212

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:
1166 AVENUE OF THE AMERICAS

City:
NEW YORK

State:
New York

Number and Street 2:

NINTH FLOOR

Country:
United States

ZIP+4/Postal Code:
10036

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:
9AM - 5PM

(3) Telephone number at this location:
212-478-0000

(4) Facsimile number at this location, if any:
212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

CIK Number
1561691

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

(1) are a **large advisory firm** that either:

(a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or

(b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;

(2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:

(a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or

(b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

(4) have your *principal office and place of business* **outside the United States**;

(5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled by*, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;

(6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.

By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

(7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

If this is your initial filing as a relying adviser, you must make both of these representations:

I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.

(Individuals: Last Name, First Name, Middle Name)			Acquired MM/YYYY	Code	Person		If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	04/2008	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	06/2011	NA	N	N	4521563

SECTION 4.B. Indirect Owners

- (1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners
- (2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:
- (a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;
- For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
- (b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;
- (c) in the case of an owner that is a trust, the trust and each trustee; and
- (d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.
- (3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the person does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
- (b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
- (c) Complete each column.
- Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735

SECTION 4.C. Control Persons

- C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies? Yes No
- If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

- A. Your full legal name:
D. E. SHAW & CO. (ASIA PACIFIC) LIMITED

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's* CRD system or by the IARD system (other than the *filing adviser's* CRD number), your CRD number:

294484

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:

19TH FLOOR, YORK HOUSE, THE LANDMARK

City:

HONG KONG

State:

Number and Street 2:

15 QUEEN'S ROAD CENTRAL

Country:

Hong Kong

ZIP+4/Postal Code:

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9 AM - 5 PM

(3) Telephone number at this location:

852-3521-2500

(4) Facsimile number at this location, if any:

852-3521-2600

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

City:

State:

Number and Street 2:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

549300IKAFQ7KFD49545

A legal entity identifier is a unique number that companies use to identify each other in the financial marketplace. You may not have a legal entity identifier.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

- (1) are a **large advisory firm** that either:
- (a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or
 - (b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;
- (2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:
- (a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or
 - (b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;
- Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.*
- (3) Reserved
- (4) have your *principal office and place of business* **outside the United States**;
- (5) are a **related adviser** under rule 203A-2(b) that *controls, is controlled by, or is under common control with*, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;
- (6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;
- If you check this box, you must make both of the representations below:
- I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.
 - By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.
- (7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);
- If this is your initial filing as a relying adviser, you must make both of these representations:
- I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.
 - The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.
- If you are submitting your *annual updating amendment*, you must make this representation:
- Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.
- (8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:
- Application Number: 803- Date of *Order*:
- (9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
- Sole Proprietorship
- Limited Liability Partnership (LLP)
- Partnership
- Limited Liability Company (LLC)
- Limited Partnership (LP)
- Other (specify): PRIVATE COMPANY LIMITED BY SHARES

B. In what month does your fiscal year end each year?

DECEMBER

C. Under the laws of what state or country are you organized?

State Country

Hong Kong

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

- (1) Section 4.A. asks for information about your direct owners and executive officers.
- (2) Direct Owners and Executive Officers. List below the names of:
- (a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;
 - (b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);
Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
 - (c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;
 - (d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and
 - (e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.
- (3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.
- (5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
(c) Complete each column.
- Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	03/2007	E	Y	N	108679
FUNG, ERICA, WAI YING	I	CHIEF LEGAL & COMPLIANCE OFFICER	10/2016	NA	N	N	4431132
PATRIC, KEVIN, LAWRENCE	I	DIRECTOR	12/2017	NA	Y	N	4700838
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	06/2011	NA	N	N	4521563
ZABACK, CHRISTOPHER, MARTIN	I	DIRECTOR	06/2013	NA	N	N	4048333

SECTION 4.B. Indirect Owners

- (1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners
- (2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:
- (a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
 - (b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;
 - (c) in the case of an owner that is a trust, the trust and each trustee; and
 - (d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.
- (3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies?

Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW ADVISER II, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("*CRD Number*") assigned by the *FINRA's CRD* system or by the IARD system (other than the *filing adviser's CRD number*), your *CRD number*:

294586

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:
1166 AVENUE OF THE AMERICAS

City:
NEW YORK

State:
New York

Number and Street 2:
NINTH FLOOR

Country:
United States

ZIP+4/Postal Code:
10036

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9 AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

5493003P6IU5NSQZB433

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

CIK Number
1569653

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

(1) are a **large advisory firm** that either:

(a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or

(b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;

(2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:

(a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or

(b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

(4) have your *principal office and place of business* **outside the United States**;

(5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled* by, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;

(6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.

By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

(7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	07/2012	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	07/2012	NA	N	N	4521563

SECTION 4.B. Indirect Owners

(1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners

(2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:

(a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;

(c) in the case of an owner that is a trust, the trust and each trustee; and

(d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.

(3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.

(5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).

(6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the person does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies? Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW ADVISER, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's* CRD system or by the IARD system (other than the *filing adviser's* CRD number), your CRD number:

294591

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:

1166 AVENUE OF THE AMERICAS

City:

NEW YORK

State:

New York

Number and Street 2:

NINTH FLOOR

Country:

United States

ZIP+4/Postal Code:

10036

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9 AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

City:

State:

Number and Street 2:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

549300CK4WGQJAWVBD19

A legal entity identifier is a unique number that companies use to identify each other in the financial marketplace. You may not have a legal entity identifier.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

CIK Number

1599349

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

- (1) are a **large advisory firm** that either:
- (a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or
 - (b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;
- (2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:
- (a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or
 - (b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

- (4) have your *principal office and place of business* **outside the United States**;
- (5) are a **related adviser** under rule 203A-2(b) that *controls, is controlled by, or is under common control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;

- (6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

- I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.
- By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

- (7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

If this is your initial filing as a relying adviser, you must make both of these representations:

- I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.
- The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.

If you are submitting your *annual updating amendment*, you must make this representation:

- Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.

- (8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:

Application Number: 803- Date of Order:

- (9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
- Sole Proprietorship
- Limited Liability Partnership (LLP)
- Partnership
- Limited Liability Company (LLC)
- Limited Partnership (LP)
- Other (specify):

B. In what month does your fiscal year end each year?

DECEMBER

C. Under the laws of what state or country are you organized?

State Country

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

- (1) Section 4.A. asks for information about your direct owners and executive officers.
- (2) Direct Owners and Executive Officers. List below the names of:
- (a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;
- (b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);
Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
- (c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;
- (d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and
- (e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.
- (3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.
- (5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
- (b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
- (c) Complete each column.
- Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	06/2011	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	06/2011	NA	N	N	4521563

SECTION 4.B. Indirect Owners

- (1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners
- (2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:
- (a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;
- For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
- (b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;
- (c) in the case of an owner that is a trust, the trust and each trustee; and
- (d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.
- (3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the person does not have *control*. Note

that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies?

Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW COMPOSITE ADVISER, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's CRD* system or by the IARD system (other than the *filing adviser's CRD* number), your *CRD* number:

294595

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:
1166 AVENUE OF THE AMERICAS

City:

State:

Number and Street 2:
NINTH FLOOR

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

549300Z98P478RESMH57

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

(1) are a **large advisory firm** that either:

(a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or

(b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;

(2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:

(a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or

(b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

(4) have your *principal office and place of business* **outside the United States**;

(5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled* by, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;

(6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.

By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

(7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	06/2010	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	06/2011	NA	N	N	4521563

SECTION 4.B. Indirect Owners

- (1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners
- (2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:
- (a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;
- For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
- (b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;
- (c) in the case of an owner that is a trust, the trust and each trustee; and
- (d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.
- (3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the person does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
- (b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
- (c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735

SECTION 4.C. Control Persons

- C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies? Yes No
- If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW MULTI-ASSET ADVISER, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's* CRD system or by the IARD system (other than the *filing adviser's* CRD number), your CRD number:

294600

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:

1166 AVENUE OF THE AMERICAS

City:

NEW YORK

State:

New York

Number and Street 2:

NINTH FLOOR

Country:

United States

ZIP+4/Postal Code:

10036

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9 AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

City:

State:

Number and Street 2:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

54930017NC6N1PVP5P55

A legal entity identifier is a unique number that companies use to identify each other in the financial marketplace. You may not have a legal entity identifier.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

- (1) are a **large advisory firm** that either:
- (a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or
 - (b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;
- (2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:
- (a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or
 - (b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

- (4) have your *principal office and place of business* **outside the United States**;
- (5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled* by, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;
- (6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.

By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

- (7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

If this is your initial filing as a relying adviser, you must make both of these representations:

I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.

The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.

If you are submitting your *annual updating amendment*, you must make this representation:

Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.

- (8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:

Application Number: 803- Date of *Order*:

- (9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
- Sole Proprietorship
- Limited Liability Partnership (LLP)
- Partnership
- Limited Liability Company (LLC)
- Limited Partnership (LP)
- Other (specify):

B. In what month does your fiscal year end each year?

DECEMBER

C. Under the laws of what state or country are you organized?

State Country
Delaware United States

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

- (1) Section 4.A. asks for information about your direct owners and executive officers.
- (2) Direct Owners and Executive Officers. List below the names of:
- (a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;
 - (b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);
Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
 - (c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;
 - (d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and
 - (e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.
- (3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.
- (5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
(c) Complete each column.
Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	02/2009	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	06/2011	NA	N	N	4521563

SECTION 4.B. Indirect Owners

- (1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners
- (2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:
- (a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
 - (b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;
 - (c) in the case of an owner that is a trust, the trust and each trustee; and
 - (d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.
- (3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies?

Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW & CO. (LONDON), LLP

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("*CRD Number*") assigned by the *FINRA's CRD* system or by the IARD system (other than the *filing adviser's CRD* number), your *CRD* number:

294624

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:

55 BAKER STREET

City:

LONDON

State:

Number and Street 2:

SEVENTH FLOOR

Country:

United Kingdom

ZIP+4/Postal Code:

W1U 8EW

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9 AM - 5 PM

(3) Telephone number at this location:

44-20-7409-4300

(4) Facsimile number at this location, if any:

44-20-7409-4350

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

Number and Street 2:

City:

State:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

549300C4RWHVOOSD9T96

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

(1) are a **large advisory firm** that either:

(a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or

(b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;

(2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:

(a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or

(b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

(4) have your *principal office and place of business* **outside the United States**;

(5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled* by, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;

(6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.

By submitting this Form ADV to the SEC, the *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

(7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

If this is your initial filing as a relying adviser, you must make both of these representations:

- I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.
- The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.

If you are submitting your *annual updating amendment*, you must make this representation:

- Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.
- (8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:
Application Number: 803- Date of Order:
- (9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
- Sole Proprietorship
- Limited Liability Partnership (LLP)
- Partnership
- Limited Liability Company (LLC)
- Limited Partnership (LP)
- Other (specify):

B. In what month does your fiscal year end each year?

MARCH

C. Under the laws of what state or country are you organized?

State Country

United Kingdom

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

(1) Section 4.A. asks for information about your direct owners and executive officers.

(2) Direct Owners and Executive Officers. List below the names of:

- (a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;
- (b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);
Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
- (c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;
- (d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and
- (e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.

(3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.

(5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).

(6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and

before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO. (U.K.), LTD.	FE	MEMBER	08/2012	E	Y	N	
Hughes, Bethan, Mari	I	MANAGEMENT COMMITTEE MEMBER	01/2024	NA	N	N	7884220
KRIST, KEVIN, ROBERT	I	CHIEF LEGAL & COMPLIANCE OFFICER, MANAGEMENT COMMITTEE MEMBER	04/2013	NA	N	N	6926215
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	04/2013	NA	N	N	4521563
Ward, Eoin, Robert	I	MANAGEMENT COMMITTEE MEMBER	01/2024	NA	N	N	7884219
ZABACK, CHRISTOPHER, MARTIN	I	MANAGEMENT COMMITTEE MEMBER	04/2013	NA	N	N	4048333

SECTION 4.B. Indirect Owners

- (1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners
- (2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:
- (a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;
- For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
- (b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;
- (c) in the case of an owner that is a trust, the trust and each trustee; and
- (d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.
- (3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the person does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
- (b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
- (c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
D. E. SHAW & CO., L.P.	DE	D. E. SHAW & CO. (U.K.), LTD.	MANAGING MEMBER	10/2004	E	Y	N	108679
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies? Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW HELIANT ADVISER, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's* CRD system or by the IARD system (other than the *filing adviser's* CRD number), your CRD number:

295202

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:

1166 AVENUE OF THE AMERICAS

City:

NEW YORK

State:

New York

Number and Street 2:

NINTH FLOOR

Country:

United States

ZIP+4/Postal Code:

10036

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9 AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

City:

State:

Number and Street 2:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

549300IJ4CBL16FZYU93

A legal entity identifier is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

CIK Number

1518837

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

- (1) are a **large advisory firm** that either:
- (a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or
 - (b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;
- (2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:
- (a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or
 - (b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

- (4) have your *principal office and place of business* **outside the United States**;
- (5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled by*, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;
- (6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

- I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.
- By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

- (7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d),

If this is your initial filing as a relying adviser, you must make both of these representations:

- I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.
- The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.

If you are submitting your *annual updating amendment*, you must make this representation:

- Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.

- (8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:

Application Number: 803- Date of *Order*:

- (9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
- Sole Proprietorship
- Limited Liability Partnership (LLP)
- Partnership
- Limited Liability Company (LLC)
- Limited Partnership (LP)
- Other (specify):

B. In what month does your fiscal year end each year?
DECEMBER

C. Under the laws of what state or country are you organized?

State Country
Delaware United States

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

(1) Section 4.A. asks for information about your direct owners and executive officers.

(2) Direct Owners and Executive Officers. List below the names of:

- (a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;
(b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);

Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

- (c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;
(d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and
(e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.

(3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.

(5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).

(6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	11/2009	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	06/2011	NA	N	N	4521563

SECTION 4.B. Indirect Owners

(1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners

(2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:

- (a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

- (b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;

(c) in the case of an owner that is a trust, the trust and each trustee; and

- (d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.

(3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.

- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the person does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
- (b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
- (c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies?

Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW ESC ADVISER, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("*CRD Number*") assigned by the *FINRA's CRD* system or by the IARD system (other than the *filing adviser's CRD* number), your *CRD* number:

315169

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:
1166 AVENUE OF THE AMERICAS
City:
NEW YORK

State:
New York

Number and Street 2:
NINTH FLOOR
Country:
United States

ZIP+4/Postal Code:
10036

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9AM - 5PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

City:

State:

Number and Street 2:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

(1) are a **large advisory firm** that either:

(a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or

(b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;

(2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:

(a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or

(b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

(4) have your *principal office and place of business* **outside the United States**;

(5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled by*, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;

(6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.

By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

(7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

If this is your initial filing as a relying adviser, you must make both of these representations:

I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.

The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.

If you are submitting your *annual updating amendment*, you must make this representation:

Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.

(8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:

Application Number: 803- Date of Order:

(9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
 Sole Proprietorship
 Limited Liability Partnership (LLP)
 Partnership
 Limited Liability Company (LLC)
 Limited Partnership (LP)
 Other (specify):

B. In what month does your fiscal year end each year?

DECEMBER

C. Under the laws of what state or country are you organized?

State Country
Delaware United States

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

(1) Section 4.A. asks for information about your direct owners and executive officers.

(2) Direct Owners and Executive Officers. List below the names of:

(a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;

(b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);

Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;

(d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and

(e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.

(3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.

(5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).

(6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	03/2021	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	03/2021	NA	N	N	4521563

SECTION 4.B. Indirect Owners

(1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners

(2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:

(a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;

(c) in the case of an owner that is a trust, the trust and each trustee; and

(d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.

(3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.

(5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).

(6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies?

Yes No



If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

- A. Your full legal name:
D. E. SHAW & CO. (SINGAPORE) PTE. LTD.
- B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.
- C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

- D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's* CRD system or by the IARD system (other than the *filing adviser's* CRD number), your CRD number:
316816

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

- E. *Principal Office and Place of Business*

- (1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:

1 RAFFLES QUAY

City:

SINGAPORE

State:

Number and Street 2:

#40-02, NORTH TOWER

Country:

Singapore

ZIP+4/Postal Code:

048583

If this address is a private residence, check this box:

- (2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:

9 AM - 5 PM

- (3) Telephone number at this location:

+65 6983 5700

- (4) Facsimile number at this location, if any:

+65 6983 5701

- F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

City:

State:

Number and Street 2:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

- G. Provide your *Legal Entity Identifier* if you have one:

549300UTJS5JB85DAR61

A legal entity identifier is a unique number that companies use to identify each other in the financial marketplace. You may not have a legal entity identifier.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:
No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

- (1) are a **large advisory firm** that either:
- (a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or
 - (b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;
- (2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:
- (a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or
 - (b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;
Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.
- (3) Reserved
- (4) have your *principal office and place of business* **outside the United States**;
- (5) are a **related adviser** under rule 203A-2(b) that *controls, is controlled by, or is under common control with*, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;
- (6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;
- If you check this box, you must make both of the representations below:
- I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.
 - By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.
- (7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);
- If this is your initial filing as a relying adviser, you must make both of these representations:
- I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.
 - The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.
- If you are submitting your *annual updating amendment*, you must make this representation:
- Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.
- (8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:
- Application Number: 803- Date of Order:
- (9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
- Sole Proprietorship
- Limited Liability Partnership (LLP)
- Partnership
- Limited Liability Company (LLC)
- Limited Partnership (LP)
- Other (specify): PRIVATE COMPANY LIMITED BY SHARES

B. In what month does your fiscal year end each year?

C. Under the laws of what state or country are you organized?

State Country
Singapore

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

(1) Section 4.A. asks for information about your direct owners and executive officers.

(2) Direct Owners and Executive Officers. List below the names of:

(a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;

(b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);

Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;

(d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and

(e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.

(3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.

(5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).

(6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	SOLE SHAREHOLDER	12/2020	E	Y	N	108679
PANG, SIU TAUR	I	CHIEF EXECUTIVE OFFICER	12/2020	NA	Y	N	5011031
PATRIC, KEVIN, LAWRENCE	I	DIRECTOR	12/2020	NA	N	N	4700838
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	12/2020	NA	N	N	4521563
ZABACK, CHRISTOPHER, MARTIN	I	DIRECTOR	01/2021	NA	N	N	4048333

SECTION 4.B. Indirect Owners

(1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners

(2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:

(a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;

(c) in the case of an owner that is a trust, the trust and each trustee; and

(d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.

(3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is

reached, no further ownership information need be given.

- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the person does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
- (b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
- (c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies?

Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW ADVISER III, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's* CRD system or by the IARD system (other than the *filing adviser's* CRD number), your CRD number:

318551

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:
1166 AVENUE OF THE AMERICAS
City:
NEW YORK

State:
New York

Number and Street 2:
NINTH FLOOR
Country:
United States

ZIP+4/Postal Code:
10036

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:
9 AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:
City:

State:

Number and Street 2:
Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

(1) are a **large advisory firm** that either:

(a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or

(b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;

(2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:

(a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or

(b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

(4) have your *principal office and place of business* **outside the United States**;

(5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled* by, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;

(6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

- I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.
- By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

- (7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

If this is your initial filing as a relying adviser, you must make both of these representations:

- I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.
- The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.

If you are submitting your *annual updating amendment*, you must make this representation:

- Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.

- (8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:

Application Number: 803- Date of Order:

- (9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
- Sole Proprietorship
- Limited Liability Partnership (LLP)
- Partnership
- Limited Liability Company (LLC)
- Limited Partnership (LP)
- Other (specify):

B. In what month does your fiscal year end each year?

DECEMBER

C. Under the laws of what state or country are you organized?

State Country
Delaware United States

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

(1) Section 4.A. asks for information about your direct owners and executive officers.

(2) Direct Owners and Executive Officers. List below the names of:

- (a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;
- (b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);
Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
- (c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;
- (d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and
- (e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.

(3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.

- (5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
- (b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
- (c) Complete each column.
- Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	08/2021	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	08/2021	NA	N	N	4521563

SECTION 4.B. Indirect Owners

- (1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners
- (2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:
- (a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;
- For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.
- (b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;
- (c) in the case of an owner that is a trust, the trust and each trustee; and
- (d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.
- (3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.
- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
- (b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
- (c) Complete each column.
- Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT	11/1992	E	Y	N	1557735

SECTION 4.C. Control Persons

- C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies? Yes No
- If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying InformationResponses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW DIOPTER ADVISER, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

*You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.*D. If you currently have, or ever had, a number ("CRD Number") assigned by the *FINRA's* CRD system or by the IARD system (other than the *filing adviser's* CRD number), your CRD number:**323457**

No Information Filed

*If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).*E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

 Same as the *filing adviser*.

Number and Street 1:

1166 AVENUE OF THE AMERICAS

City:

NEW YORK

State:

New York

Number and Street 2:

NINTH FLOOR

Country:

United States

ZIP+4/Postal Code:

10036

If this address is a private residence, check this box: (2) Days of week that you normally conduct business at your *principal office and place of business*: Monday - Friday Other:

Normal business hours at this location:

9 AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address: Same as the *filing adviser*.

Number and Street 1:

City:

State:

Number and Street 2:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box: G. Provide your *Legal Entity Identifier* if you have one:

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

- H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:
No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

- A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

- (1) are a **large advisory firm** that either:
- (a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or
 - (b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;
- (2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:
- (a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or
 - (b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;
- Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.
- (3) Reserved
- (4) have your *principal office and place of business* **outside the United States**;
- (5) are a **related adviser** under rule 203A-2(b) that *controls, is controlled by, or is under common control with*, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;
- (6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;
- If you check this box, you must make both of the representations below:
- I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.
 - By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.
- (7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);
- If this is your initial filing as a relying adviser, you must make both of these representations:
- I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.
 - The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.
- If you are submitting your *annual updating amendment*, you must make this representation:
- Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.
- (8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:
- Application Number: 803- Date of Order:
- (9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

- A. How are you organized?
- Corporation
 - Sole Proprietorship
 - Limited Liability Partnership (LLP)
 - Partnership
 - Limited Liability Company (LLC)
 - Limited Partnership (LP)

Other (specify):

B. In what month does your fiscal year end each year?

DECEMBER

C. Under the laws of what state or country are you organized?

State Country

Delaware United States

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

(1) Section 4.A. asks for information about your direct owners and executive officers.

(2) Direct Owners and Executive Officers. List below the names of:

(a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;

(b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);

Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;

(d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and

(e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.

(3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.

(5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).

(6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	07/2022	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	07/2022	NA	N	N	4521563

SECTION 4.B. Indirect Owners

(1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners

(2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:

(a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;

(c) in the case of an owner that is a trust, the trust and each trustee; and

(d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.

(3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.

- (4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.
- (5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).
- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)
- (7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the person does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.
(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.
(c) Complete each column.
- Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies?

Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

SECTION 1 Identifying Information

Responses to this Section tell us who you (the *relying adviser*) are, where you are doing business, and how we can contact you.

A. Your full legal name:

D. E. SHAW ALKALI ADVISER VI, L.L.C.

B. Name under which you primarily conduct your advisory business, if different from Section 1.A. above or Item 1.A. of the *filing adviser's* Form ADV Part 1A.

C. List any other business names and the jurisdictions in which you use them. Complete this question for each other business name.

No Information Filed

You do not have to include the names or jurisdictions of the filing adviser or other relying adviser(s) in response to this Section 1.C.

D. If you currently have, or ever had, a number ("*CRD Number*") assigned by the *FINRA's CRD* system or by the IARD system (other than the *filing adviser's CRD* number), your *CRD* number:

326962

No Information Filed

If you do not have a CRD number, skip this Section 1.D. Do not provide the CRD number of one of your officers, employees, or affiliates (including the filing adviser).

E. *Principal Office and Place of Business*

(1) Address (do not use a P.O. Box):

Same as the *filing adviser*.

Number and Street 1:
1166 AVENUE OF THE AMERICAS
City:
NEW YORK

State:
New York

Number and Street 2:
NINTH FLOOR
Country:
United States

ZIP+4/Postal Code:
10036

If this address is a private residence, check this box:

(2) Days of week that you normally conduct business at your *principal office and place of business*:

Monday - Friday Other:

Normal business hours at this location:
9 AM - 5 PM

(3) Telephone number at this location:

212-478-0000

(4) Facsimile number at this location, if any:

212-478-0100

F. Mailing address, if different from your *principal office and place of business* address:

Same as the *filing adviser*.

Number and Street 1:

City:

State:

Number and Street 2:

Country:

ZIP+4/Postal Code:

If this address is a private residence, check this box:

G. Provide your *Legal Entity Identifier* if you have one:

A *legal entity identifier* is a unique number that companies use to identify each other in the financial marketplace. You may not have a *legal entity identifier*.

H. If you have Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:

No Information Filed

SECTION 2 SEC Registration

Responses to this Section help us (and you) determine whether you are eligible to register with the SEC.

A. To be a *relying adviser*, you must be independently eligible to register (or remain registered) with the SEC. You must check **at least one** of the Sections 2.A.(1) through 2.A.(8), below. [Part 1A Instruction 2](#) provides information to help you determine whether you may affirmatively respond to each of these items.

You (the *relying adviser*):

(1) are a **large advisory firm** that either:

(a) has regulatory assets under management of \$100 million (in U.S. dollars) or more; or

(b) has regulatory assets under management of \$90 million (in U.S. dollars) or more at the time of filing its most recent *annual updating amendment* and is registered with the SEC;

(2) are a **mid-sized advisory firm** that has regulatory assets under management of \$25 million (in U.S. dollars) or more but less than \$100 million (in U.S. dollars) and you are either:

(a) not required to be registered as an adviser with the *state securities authority* of the state where you maintain your *principal office and place of business*; or

(b) not subject to examination by the *state securities authority* of the state where you maintain your *principal office and place of business*;

Click [HERE](#) for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.

(3) Reserved

(4) have your *principal office and place of business* **outside the United States**;

(5) are a **related adviser** under rule 203A-2(b) that *controls*, is *controlled* by, or is under common *control* with, an investment adviser that is registered with the SEC, and your *principal office and place of business* is the same as the registered adviser;

(6) are an **adviser** relying on rule 203A-2(c) because you **expect to be eligible for SEC registration within 120 days**;

If you check this box, you must make both of the representations below:

I am not registered or required to be registered with the SEC or a state securities authority and I have a reasonable expectation that I will be eligible to register with the SEC within 120 days after the date my registration with the SEC becomes effective.

By submitting this Form ADV to the SEC, *the filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, on the 120th day after this application for *umbrella registration* with the SEC becomes effective, I would be prohibited by Section 203A(a) of the Advisers Act from registering with the SEC.

(7) are a **multi-state adviser** that is required to register in 15 or more states and is relying on rule 203A-2(d);

If this is your initial filing as a relying adviser, you must make both of these representations:

I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of 15 or more states to register as an investment adviser with the *state securities authorities* in those states.

The *filing adviser* undertakes to file an amendment to this *umbrella registration* to remove this Schedule R if, at the time of the *annual updating amendment*, I would be required by the laws of fewer than 15 states to register as an investment adviser with the *state securities authorities* of those states.

If you are submitting your *annual updating amendment*, you must make this representation:

Within 90 days prior to the date of filing this amendment, I have reviewed the applicable state and federal laws and have concluded that I am required by the laws of at least 15 states to register as an investment adviser with the *state securities authorities* in those states.

(8) have **received an SEC Order** exempting you from the prohibition against registration with the SEC. If you check this box, provide the following information:

Application Number: 803- Date of Order:

(9) are **no longer eligible** to remain registered with the SEC.

SECTION 3 Form of Organization

A. How are you organized?

- Corporation
- Sole Proprietorship
- Limited Liability Partnership (LLP)
- Partnership
- Limited Liability Company (LLC)
- Limited Partnership (LP)
- Other (specify):

B. In what month does your fiscal year end each year?

DECEMBER

C. Under the laws of what state or country are you organized?

State Country
Delaware United States

If you are a partnership, provide the name of the state or country under whose laws your partnership was formed.

SECTION 4.A. Direct Owners and Executive Officers

In this Section 4, we ask you to identify each other *person* that, directly or indirectly, *controls* you.

(1) Section 4.A. asks for information about your direct owners and executive officers.

(2) Direct Owners and Executive Officers. List below the names of:

(a) each Chief Executive Officer, Chief Financial Officer, Chief Operations Officer, Chief Legal Officer, director and any other individuals with similar status or functions;

(b) if you are organized as a corporation, each shareholder that is a direct owner of 5% or more of a class of your voting securities, unless you are a public reporting company (a company subject to Section 12 or 15(d) of the Exchange Act);

Direct owners include any *person* that owns, beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 5% or more of a class of your voting securities. For purposes of this Section 4.A., a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(c) if you are organized as a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 5% or more of your capital;

(d) in the case of a trust that directly owns 5% or more of a class of your voting securities, or that has the right to receive upon dissolution, or has contributed, 5% or more of your capital, the trust and each trustee; and

(e) if you are organized as a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 5% or more of your capital, and (ii) if managed by elected managers, all elected managers.

(3) Do you have any indirect owners to be reported on Section 4.B. below? Yes No

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner or executive officer is an individual.

(5) Complete the Title or Status column by entering board/management titles; status as partner, trustee, sole proprietor, elected manager, shareholder, or member; and for

shareholders or members, the class of securities owned (if more than one is issued).

- (6) Ownership codes are: NA - less than 5% B - 10% but less than 25% D - 50% but less than 75%
A - 5% but less than 10% C - 25% but less than 50% E - 75% or more

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Title or Status	Date Title or Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., L.P.	DE	MANAGING MEMBER	02/2023	E	Y	N	108679
THOMAS, NATHAN, CLARK	I	CHIEF COMPLIANCE OFFICER	02/2023	NA	N	N	4521563

SECTION 4.B. Indirect Owners

(1) Section 4.B. asks for information about your indirect owners; you must first complete Section 4.A., which asks for information about your direct owners

(2) Indirect Owners. With respect to each owner listed in Section 4.A. (except individual owners), list below:

(a) in the case of an owner that is a corporation, each of its shareholders that beneficially owns, has the right to vote, or has the power to sell or direct the sale of, 25% or more of a class of a voting security of that corporation;

For purposes of this Section, a *person* beneficially owns any securities: (i) owned by his/her child, stepchild, grandchild, parent, stepparent, grandparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, sharing the same residence; or (ii) that he/she has the right to acquire, within 60 days, through the exercise of any option, warrant, or right to purchase the security.

(b) in the case of an owner that is a partnership, all general partners and those limited and special partners that have the right to receive upon dissolution, or have contributed, 25% or more of the partnership's capital;

(c) in the case of an owner that is a trust, the trust and each trustee; and

(d) in the case of an owner that is a limited liability company ("LLC"), (i) those members that have the right to receive upon dissolution, or have contributed, 25% or more of the LLC's capital, and (ii) if managed by elected managers, all elected managers.

(3) Continue up the chain of ownership listing all 25% owners at each level. Once a public reporting company (a company subject to Sections 12 or 15(d) of the Exchange Act) is reached, no further ownership information need be given.

(4) In the DE/FE/I column below, enter "DE" if the owner is a domestic entity, "FE" if the owner is an entity incorporated or domiciled in a foreign country, or "I" if the owner is an individual.

(5) Complete the Status column by entering the owner's status as partner, trustee, elected manager, shareholder, or member; and for shareholders or members, the class of securities owned (if more than one is issued).

- (6) Ownership codes are: C - 25% but less than 50% E - 75% or more
D - 50% but less than 75% F - Other (general partner, trustee, or elected manager)

(7) (a) In the *Control Person* column, enter "Yes" if the *person* has *control* as defined in the Glossary of Terms to Form ADV, and enter "No" if the *person* does not have *control*. Note that under this definition, most executive officers and all 25% owners, general partners, elected managers, and trustees are *control persons*.

(b) In the PR column, enter "PR" if the owner is a public reporting company under Sections 12 or 15(d) of the Exchange Act.

(c) Complete each column.

Check this box if you are filing this Form ADV through the IARD system and want the IARD system to pre-fill Schedule B with the same indirect owners you have provided in Schedule B for your filing adviser. If you check the box, the system will pre-fill these fields for you, but you will be able to manually edit the information after it is pre-filled and before you submit your filing.

FULL LEGAL NAME (Individuals: Last Name, First Name, Middle Name)	DE/FE/I	Entity in Which Interest is Owned	Status	Date Status Acquired MM/YYYY	Ownership Code	Control Person	PR	CRD No. If None: S.S. No. and Date of Birth, IRS Tax No. or Employer ID No.
D. E. SHAW & CO., INC.	DE	D. E. SHAW & CO., L.P.	GENERAL PARTNER	11/1992	F	Y	N	
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., L.P.	LIMITED PARTNER	12/1992	D	Y	N	1557735
SHAW, DAVID, ELLIOT	I	D. E. SHAW & CO., INC.	SOLE STOCKHOLDER, CHAIRMAN, AND PRESIDENT, D. E. SHAW & CO., INC.	11/1992	E	Y	N	1557735

SECTION 4.C. Control Persons

C. Does any *person* not named in Section 1.A., Section 4.A., or Section 4.B. directly or indirectly, *control* your management or policies? Yes No

If yes, you must complete the information below for each *control person* not named in Section 1.A., Section 4.A., or Section 4.B. that directly or indirectly *controls* your management or policies.

No Information Filed

SECTION 4.D. Control Persons - Public Reporting Companies

No Information Filed

DRP Pages**CRIMINAL DISCLOSURE REPORTING PAGE (ADV)**

No Information Filed

REGULATORY ACTION DISCLOSURE REPORTING PAGE (ADV)*GENERAL INSTRUCTIONS*

This Disclosure Reporting Page (DRP ADV) is an INITIAL **OR** AMENDED response used to report details for affirmative responses to Items 11.C., 11.D., 11.E., 11.F. or 11.G. of Form ADV.

Regulatory Action

Check item(s) being responded to:

- | | | | | |
|----------------------------------|---|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> 11.C(1) | <input type="checkbox"/> 11.C(2) | <input type="checkbox"/> 11.C(3) | <input type="checkbox"/> 11.C(4) | <input type="checkbox"/> 11.C(5) |
| <input type="checkbox"/> 11.D(1) | <input type="checkbox"/> 11.D(2) | <input type="checkbox"/> 11.D(3) | <input type="checkbox"/> 11.D(4) | <input type="checkbox"/> 11.D(5) |
| <input type="checkbox"/> 11.E(1) | <input checked="" type="checkbox"/> 11.E(2) | <input type="checkbox"/> 11.E(3) | <input type="checkbox"/> 11.E(4) | |
| <input type="checkbox"/> 11.F. | <input type="checkbox"/> 11.G. | | | |

Use a separate DRP for each event or *proceeding*. The same event or *proceeding* may be reported for more than one *person* or entity using one DRP. File with a completed Execution Page.

One event may result in more than one affirmative answer to Items 11.C., 11.D., 11.E., 11.F. or 11.G. Use only one DRP to report details related to the same event. If an event gives rise to actions by more than one regulator, provide details for each action on a separate DRP.

PART I

A. The *person(s)* or entity(ies) for whom this DRP is being filed is (are):

- You (the advisory firm)
- You and one or more of your *advisory affiliates*
- One or more of your *advisory affiliates*

If this DRP is being filed for an *advisory affiliate*, give the full name of the *advisory affiliate* below (for individuals, Last name, First name, Middle name). If the *advisory affiliate* has a *CRD* number, provide that number. If not, indicate "non-registered" by checking the appropriate box.

ADV DRP - *ADVISORY AFFILIATE*

No Information Filed

- This DRP should be removed from the ADV record because the *advisory affiliate(s)* is no longer associated with the adviser.
- This DRP should be removed from the ADV record because: (1) the event or *proceeding* occurred more than ten years ago or (2) the adviser is registered or applying for registration with the SEC or reporting as an *exempt reporting adviser* with the SEC and the event was resolved in the adviser's or *advisory affiliate's* favor.

If you are registered or registering with a *state securities authority*, you may remove a DRP for an event you reported only in response to Item 11.D(4), and only if that event occurred more than ten years ago. If you are registered or registering with the SEC, you may remove a DRP for any event listed in Item 11 that occurred more than ten years ago.

- This DRP should be removed from the ADV record because it was filed in error, such as due to a clerical or data-entry mistake. Explain the circumstances:

B. If the *advisory affiliate* is registered through the IARD system or *CRD* system, has the *advisory affiliate* submitted a DRP (with Form ADV, BD or U-4) to the IARD or *CRD* for the event? If the answer is "Yes," no other information on this DRP must be provided.

- Yes No

NOTE: The completion of this form does not relieve the *advisory affiliate* of its obligation to update its IARD or *CRD* records.

PART II

1. Regulatory Action initiated by:

SEC Other Federal State SRO Foreign

(Full name of regulator, *foreign financial regulatory authority*, federal, state, or SRO)

NEW YORK MERCANTILE EXCHANGE ("NYMEX")

2. Principal Sanction:

Civil and Administrative Penalt(ies) /Fine(s)

Other Sanctions:

3. Date Initiated (MM/DD/YYYY):

05/01/2014 Exact Explanation

If not exact, provide explanation:

4. Docket/Case Number:

NYMEX 12-9156

5. *Advisory Affiliate* Employing Firm when activity occurred which led to the regulatory action (if applicable):

6. Principal Product Type:

Futures - Commodity

Other Product Types:

7. Describe the allegations related to this regulatory action (your response must fit within the space provided):

IN NOVEMBER 2012, CERTAIN ENTITIES OF THE D. E. SHAW GROUP ADVISED BY CERTAIN OF D. E. SHAW & CO., L.P.'S RELYING ADVISERS UNINTENTIONALLY VIOLATED FUTURES CONTRACT POSITION LIMITS RULE 562 SET BY NYMEX IN CONNECTION WITH TRADING NATURAL GAS FUTURES.

8. Current Status? Pending On Appeal Final

9. If on appeal, regulatory action appealed to (SEC, SRO, Federal or State Court) and Date Appeal Filed:

If Final or On Appeal, complete all items below. For Pending Actions, complete Item 13 only.

10. How was matter resolved:

Decision & Order of Offer of Settlement

11. Resolution Date (MM/DD/YYYY):

05/01/2014 Exact Explanation

If not exact, provide explanation:

12. Resolution Detail:

A. Were any of the following Sanctions *Ordered* (check all appropriate items)?

Monetary/Fine Amount: \$ 25,000.00

Revocation/Expulsion/Denial

Censure

Bar

Disgorgement/Restitution

Cease and Desist/Injunction

Suspension

B. Other Sanctions *Ordered*:

Sanction detail: if suspended, *enjoined* or barred, provide duration including start date and capacities affected (General Securities Principal, Financial Operations Principal, etc.). If requalification by exam/retraining was a condition of the sanction, provide length of time given to requalify/retrain, type of exam required and whether condition has been satisfied. If disposition resulted in a fine, penalty, restitution, disgorgement or monetary compensation, provide total amount, portion levied against you or an *advisory affiliate*, date paid and if any portion of penalty was waived:

FINE OF \$25,000 PAID BY D. E. SHAW & CO., L.P. ON MAY 7, 2014.

13. Provide a brief summary of details related to the action status and (or) disposition and include relevant terms, conditions and dates (your response must fit within the space provided).

THE NYMEX BUSINESS CONDUCT COMMITTEE ENTERED A DECISION ON APRIL 29, 2014, ACCEPTING THE OFFER OF SETTLEMENT, WHICH ORDER BECAME EFFECTIVE ON MAY 1, 2014.

GENERAL INSTRUCTIONS

This Disclosure Reporting Page (DRP ADV) is an INITIAL AMENDED response used to report details for affirmative responses to Items 11.C., 11.D., 11.E., 11.F. or 11.G. of Form ADV.

Check item(s) being responded to:

- | | | | | |
|----------------------------------|---|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> 11.C(1) | <input type="checkbox"/> 11.C(2) | <input type="checkbox"/> 11.C(3) | <input type="checkbox"/> 11.C(4) | <input type="checkbox"/> 11.C(5) |
| <input type="checkbox"/> 11.D(1) | <input type="checkbox"/> 11.D(2) | <input type="checkbox"/> 11.D(3) | <input type="checkbox"/> 11.D(4) | <input type="checkbox"/> 11.D(5) |
| <input type="checkbox"/> 11.E(1) | <input checked="" type="checkbox"/> 11.E(2) | <input type="checkbox"/> 11.E(3) | <input type="checkbox"/> 11.E(4) | |
| <input type="checkbox"/> 11.F. | <input type="checkbox"/> 11.G. | | | |

Use a separate DRP for each event or *proceeding*. The same event or *proceeding* may be reported for more than one *person* or entity using one DRP. File with a completed Execution Page.

One event may result in more than one affirmative answer to Items 11.C., 11.D., 11.E., 11.F. or 11.G. Use only one DRP to report details related to the same event. If an event gives rise to actions by more than one regulator, provide details for each action on a separate DRP.

PART I

A. The *person(s)* or entity(ies) for whom this DRP is being filed is (are):

- You (the advisory firm)
- You and one or more of your *advisory affiliates*
- One or more of your *advisory affiliates*

If this DRP is being filed for an *advisory affiliate*, give the full name of the *advisory affiliate* below (for individuals, Last name, First name, Middle name).

If the *advisory affiliate* has a *CRD* number, provide that number. If not, indicate "non-registered" by checking the appropriate box.

ADV DRP - *ADVISORY AFFILIATE*

No Information Filed

- This DRP should be removed from the ADV record because the *advisory affiliate(s)* is no longer associated with the adviser.
- This DRP should be removed from the ADV record because: (1) the event or *proceeding* occurred more than ten years ago or (2) the adviser is registered or applying for registration with the SEC or reporting as an *exempt reporting adviser* with the SEC and the event was resolved in the adviser's or *advisory affiliate's* favor.

If you are registered or registering with a *state securities authority*, you may remove a DRP for an event you reported only in response to Item 11.D(4), and only if that event occurred more than ten years ago. If you are registered or registering with the SEC, you may remove a DRP for any event listed in Item 11 that occurred more than ten years ago.

- This DRP should be removed from the ADV record because it was filed in error, such as due to a clerical or data-entry mistake. Explain the circumstances:

B. If the *advisory affiliate* is registered through the IARD system or *CRD* system, has the *advisory affiliate* submitted a DRP (with Form ADV, BD or U-4) to the IARD or *CRD* for the event? If the answer is "Yes," no other information on this DRP must be provided.

- Yes No

NOTE: The completion of this form does not relieve the *advisory affiliate* of its obligation to update its IARD or *CRD* records.

PART II

1. Regulatory Action initiated by:

- SEC Other Federal State SRO Foreign

(Full name of regulator, *foreign financial regulatory authority*, federal, state, or *SRO*)

NEW YORK MERCANTILE EXCHANGE ("NYMEX")

2. Principal Sanction:

Civil and Administrative Penalt(ies) /Fine(s)

Other Sanctions:

3. Date Initiated (MM/DD/YYYY):

05/01/2014 Exact Explanation

If not exact, provide explanation:

4. Docket/Case Number:

NYMEX 13-9632

5. *Advisory Affiliate* Employing Firm when activity occurred which led to the regulatory action (if applicable):

6. Principal Product Type:

Futures - Commodity

Other Product Types:

7. Describe the allegations related to this regulatory action (your response must fit within the space provided):
IN OCTOBER 2013, CERTAIN ENTITIES OF THE D. E. SHAW GROUP ADVISED BY CERTAIN OF D. E. SHAW & CO., L.P.'S RELYING ADVISERS UNINTENTIONALLY VIOLATED FUTURES CONTRACT POSITION LIMITS RULE 562 SET BY NYMEX IN CONNECTION WITH TRADING NATURAL GAS FUTURES.

8. Current Status? Pending On Appeal Final

9. If on appeal, regulatory action appealed to (SEC, SRO, Federal or State Court) and Date Appeal Filed:

If Final or On Appeal, complete all items below. For Pending Actions, complete Item 13 only.

10. How was matter resolved:
Decision & Order of Offer of Settlement

11. Resolution Date (MM/DD/YYYY):
05/01/2014 Exact Explanation
If not exact, provide explanation:

12. Resolution Detail:

A. Were any of the following Sanctions *Ordered* (check all appropriate items)?

Monetary/Fine Amount: \$ 75,000.00

Revocation/Expulsion/Denial

Censure

Bar

Disgorgement/Restitution

Cease and Desist/Injunction

Suspension

B. Other Sanctions *Ordered*:

Sanction detail: if suspended, *enjoined* or barred, provide duration including start date and capacities affected (General Securities Principal, Financial Operations Principal, etc.). If requalification by exam/retraining was a condition of the sanction, provide length of time given to requalify/retrain, type of exam required and whether condition has been satisfied. If disposition resulted in a fine, penalty, restitution, disgorgement or monetary compensation, provide total amount, portion levied against you or an *advisory affiliate*, date paid and if any portion of penalty was waived:

FINE OF \$75,000 PAID BY D. E. SHAW & CO., L.P. ON MAY 7, 2014.

13. Provide a brief summary of details related to the action status and (or) disposition and include relevant terms, conditions and dates (your response must fit within the space provided).

THE NYMEX BUSINESS CONDUCT COMMITTEE ENTERED A DECISION ON APRIL 29, 2014, ACCEPTING THE OFFER OF SETTLEMENT, WHICH ORDER BECAME EFFECTIVE ON MAY 1, 2014.

GENERAL INSTRUCTIONS

This Disclosure Reporting Page (DRP ADV) is an INITIAL **OR** AMENDED response used to report details for affirmative responses to Items 11.C., 11.D., 11.E., 11.F. or 11.G. of Form ADV.

Regulatory Action

Check item(s) being responded to:

<input type="checkbox"/> 11.C(1)	<input type="checkbox"/> 11.C(2)	<input type="checkbox"/> 11.C(3)	<input type="checkbox"/> 11.C(4)	<input type="checkbox"/> 11.C(5)
<input type="checkbox"/> 11.D(1)	<input type="checkbox"/> 11.D(2)	<input type="checkbox"/> 11.D(3)	<input type="checkbox"/> 11.D(4)	<input type="checkbox"/> 11.D(5)
<input type="checkbox"/> 11.E(1)	<input checked="" type="checkbox"/> 11.E(2)	<input type="checkbox"/> 11.E(3)	<input type="checkbox"/> 11.E(4)	
<input type="checkbox"/> 11.F.	<input type="checkbox"/> 11.G.			

Use a separate DRP for each event or *proceeding*. The same event or *proceeding* may be reported for more than one *person* or entity using one DRP. File with a completed Execution Page.

One event may result in more than one affirmative answer to Items 11.C., 11.D., 11.E., 11.F. or 11.G. Use only one DRP to report details related to the same event. If an event gives rise to actions by more than one regulator, provide details for each action on a separate DRP.

PART I

A. The *person(s)* or entity(ies) for whom this DRP is being filed is (are):

- You (the advisory firm)
 You and one or more of your *advisory affiliates*
 One or more of your *advisory affiliates*

If this DRP is being filed for an *advisory affiliate*, give the full name of the *advisory affiliate* below (for individuals, Last name, First name, Middle name).
If the *advisory affiliate* has a *CRD* number, provide that number. If not, indicate "non-registered" by checking the appropriate box.

ADV DRP - *ADVISORY AFFILIATE*

No Information Filed

- This DRP should be removed from the ADV record because the *advisory affiliate(s)* is no longer associated with the adviser.
 This DRP should be removed from the ADV record because: (1) the event or *proceeding* occurred more than ten years ago or (2) the adviser is registered or applying for registration with the SEC or reporting as an *exempt reporting adviser* with the SEC and the event was resolved in the adviser's or *advisory affiliate's* favor.

If you are registered or registering with a *state securities authority*, you may remove a DRP for an event you reported only in response to Item 11.D(4), and only if that event occurred more than ten years ago. If you are registered or registering with the SEC, you may remove a DRP for any event listed in Item 11 that occurred more than ten years ago.

- This DRP should be removed from the ADV record because it was filed in error, such as due to a clerical or data-entry mistake. Explain the circumstances:

- B. If the *advisory affiliate* is registered through the IARD system or *CRD* system, has the *advisory affiliate* submitted a DRP (with Form ADV, BD or U-4) to the IARD or *CRD* for the event? If the answer is "Yes," no other information on this DRP must be provided.

Yes No

NOTE: The completion of this form does not relieve the *advisory affiliate* of its obligation to update its IARD or *CRD* records.

PART II

1. Regulatory Action initiated by:

SEC Other Federal State *SRO* Foreign

(Full name of regulator, *foreign financial regulatory authority*, federal, state, or *SRO*)

ICE FUTURES U.S., INC. ("ICE")

2. Principal Sanction:

Civil and Administrative Penalt(ies) /Fine(s)

Other Sanctions:

CEASE AND DESIST ORDER

3. Date Initiated (MM/DD/YYYY):

01/16/2015 Exact Explanation

If not exact, provide explanation:

4. Docket/Case Number:

CASE NO. 2013-00139

5. *Advisory Affiliate* Employing Firm when activity occurred which led to the regulatory action (if applicable):

6. Principal Product Type:

Futures - Commodity

Other Product Types:

7. Describe the allegations related to this regulatory action (your response must fit within the space provided):

IN OCTOBER 2013, AN ENTITY IN THE D. E. SHAW GROUP ADVISED BY A RELYING ADVISER OF D. E. SHAW & CO., L.P. UNINTENTIONALLY VIOLATED A POSITION LIMIT SET UNDER EXCHANGE RULE 6.20(C) OF THE ICE APPLICABLE TO NATURAL GAS FUTURES.

8. Current Status? Pending On Appeal Final

9. If on appeal, regulatory action appealed to (SEC, *SRO*, Federal or State Court) and Date Appeal Filed:

If Final or On Appeal, complete all items below. For Pending Actions, complete Item 13 only.

10. How was matter resolved:

Settled

11. Resolution Date (MM/DD/YYYY):

01/16/2015 Exact Explanation

If not exact, provide explanation:

12. Resolution Detail:

A. Were any of the following Sanctions *Ordered* (check all appropriate items)?

Monetary/Fine Amount: \$ 20,000.00

Revocation/Expulsion/Denial

Censure

Bar

Disgorgement/Restitution

Cease and Desist/Injunction

Suspension

B. Other Sanctions *Ordered*:

Sanction detail: if suspended, *enjoined* or barred, provide duration including start date and capacities affected (General Securities Principal, Financial Operations Principal, etc.). If requalification by exam/retraining was a condition of the sanction, provide length of time given to requalify/retrain, type of exam required and whether condition has been satisfied. If disposition resulted in a fine, penalty, restitution, disgorgement or monetary compensation, provide total amount, portion levied against you or an *advisory affiliate*, date paid and if any portion of penalty was waived:

FINE OF \$20,000 PAID BY D. E. SHAW & CO., L.P. ON JANUARY 20, 2015.

13. Provide a brief summary of details related to the action status and (or) disposition and include relevant terms, conditions and dates (your response must fit within the space provided).

THE ICE ENTERED INTO THE SETTLEMENT AGREEMENT EFFECTIVE JANUARY 16, 2015.

GENERAL INSTRUCTIONS

This Disclosure Reporting Page (DRP ADV) is an INITIAL **OR** AMENDED response used to report details for affirmative responses to Items 11.C., 11.D., 11.E., 11.F. or 11.G. of Form ADV.

Regulatory Action

Check item(s) being responded to:

11.C(1)

11.C(2)

11.C(3)

11.C(4)

11.C(5)

11.D(1)

11.D(2)

11.D(3)

11.D(4)

11.D(5)

11.E(1)

11.E(2)

11.E(3)

11.E(4)

11.F.

11.G.

Use a separate DRP for each event or *proceeding*. The same event or *proceeding* may be reported for more than one *person* or entity using one DRP. File with a completed Execution Page.

One event may result in more than one affirmative answer to Items 11.C., 11.D., 11.E., 11.F. or 11.G. Use only one DRP to report details related to the same event. If an event gives rise to actions by more than one regulator, provide details for each action on a separate DRP.

PART I

A. The *person(s)* or entity(ies) for whom this DRP is being filed is (are):

You (the advisory firm)

You and one or more of your *advisory affiliates*

One or more of your *advisory affiliates*

If this DRP is being filed for an *advisory affiliate*, give the full name of the *advisory affiliate* below (for individuals, Last name, First name, Middle name).

If the *advisory affiliate* has a *CRD* number, provide that number. If not, indicate "non-registered" by checking the appropriate box.

ADV DRP - ADVISORY AFFILIATE

No Information Filed

This DRP should be removed from the ADV record because the *advisory affiliate(s)* is no longer associated with the adviser.

This DRP should be removed from the ADV record because: (1) the event or *proceeding* occurred more than ten years ago or (2) the adviser is registered or applying for registration with the SEC or reporting as an *exempt reporting adviser* with the SEC and the event was resolved in the adviser's or *advisory affiliate's* favor.

If you are registered or registering with a *state securities authority*, you may remove a DRP for an event you reported only in response to Item 11.D(4), and only if that event occurred more than ten years ago. If you are registered or registering with the SEC, you may remove a DRP for any event listed in Item 11 that occurred more than ten years ago.

This DRP should be removed from the ADV record because it was filed in error, such as due to a clerical or data-entry mistake. Explain the circumstances:

B. If the *advisory affiliate* is registered through the IARD system or *CRD* system, has the *advisory affiliate* submitted a DRP (with Form ADV, BD or U-4) to the IARD or *CRD* for the event? If the answer is "Yes," no other information on this DRP must be provided.

Yes No

NOTE: The completion of this form does not relieve the *advisory affiliate* of its obligation to update its IARD or *CRD* records.

PART II

1. Regulatory Action initiated by:

SEC Other Federal State SRO Foreign

(Full name of regulator, *foreign financial regulatory authority*, federal, state, or *SRO*)

SWEDISH FINANCIAL SUPERVISORY AUTHORITY (SFSA)

2. Principal Sanction:

Civil and Administrative Penalt(ies) /Fine(s)

Other Sanctions:

3. Date Initiated (MM/DD/YYYY):

01/22/2015 Exact Explanation

If not exact, provide explanation:

THE SFSA REACHED ITS DECISION ON JANUARY 22, 2015, BUT D. E. SHAW & CO., L.P. RECEIVED NOTIFICATION OF THE DECISION ON MARCH 11, 2015.

4. Docket/Case Number:

FI DNR 14-5840

5. *Advisory Affiliate* Employing Firm when activity occurred which led to the regulatory action (if applicable):

6. Principal Product Type:

Equity Listed (Common & Preferred Stock)

Other Product Types:

7. Describe the allegations related to this regulatory action (your response must fit within the space provided):

IN APRIL 2014, D. E. SHAW & CO., L.P. UNINTENTIONALLY SUBMITTED A NOTIFICATION OF A NET SHORT POSITION IN THE SHARES OF A SWEDISH ISSUER TO THE SFSA AFTER THE NEXT-DAY NOTIFICATION DEADLINE SPECIFIED IN THE EUROPEAN UNION SHORT SELLING REGULATION.

8. Current Status? Pending On Appeal Final

9. If on appeal, regulatory action appealed to (SEC, *SRO*, Federal or State Court) and Date Appeal Filed:

If Final or On Appeal, complete all items below. For Pending Actions, complete Item 13 only.

10. How was matter resolved:

Decision

11. Resolution Date (MM/DD/YYYY):

04/01/2015 Exact Explanation

If not exact, provide explanation:

ON JANUARY 22, 2015, THE SFSA IMPOSED A PENALTY FEE ON D. E. SHAW & CO., L.P. AND THE PENALTY FEE BECAME EFFECTIVE ON APRIL 1, 2015.

12. Resolution Detail:

A. Were any of the following Sanctions *Ordered* (check all appropriate items)?

Monetary/Fine Amount: \$ 1,150.00

Revocation/Expulsion/Denial

Censure

Bar

Disgorgement/Restitution

Cease and Desist/Injunction

Suspension

B. Other Sanctions *Ordered*:

Sanction detail: if suspended, *enjoined* or barred, provide duration including start date and capacities affected (General Securities Principal, Financial Operations Principal, etc.). If requalification by exam/retraining was a condition of the sanction, provide length of time given to requalify/retrain, type of exam required and whether condition has been satisfied. If disposition resulted in a fine, penalty, restitution, disgorgement or monetary compensation, provide total amount, portion levied against you or an *advisory affiliate*, date paid and if any portion of penalty was waived:

PENALTY FEE OF 10,000 SWEDISH KRONOR (APPROXIMATELY US \$1,150) TO BE PAID BY D. E. SHAW & CO., L.P. FOLLOWING THE ISSUANCE OF AN INVOICE BY THE SFSA.

13. Provide a brief summary of details related to the action status and (or) disposition and include relevant terms, conditions and dates (your response must fit within the space provided).

THE SFSA PENALTY FEE BECAME EFFECTIVE ON APRIL 1, 2015. D. E. SHAW & CO., L.P. RECEIVED AN INVOICE FOR THE PENALTY FEE ON APRIL 22, 2015 AND SUBMITTED PAYMENT TO THE SFSA ON MAY 7, 2015.

GENERAL INSTRUCTIONS

This Disclosure Reporting Page (DRP ADV) is an INITIAL **OR** AMENDED response used to report details for affirmative responses to Items 11.C., 11.D., 11.E., 11.F. or 11.G. of Form ADV.

Regulatory Action

Check item(s) being responded to:

- | | | | | |
|----------------------------------|---|----------------------------------|---|----------------------------------|
| <input type="checkbox"/> 11.C(1) | <input type="checkbox"/> 11.C(2) | <input type="checkbox"/> 11.C(3) | <input type="checkbox"/> 11.C(4) | <input type="checkbox"/> 11.C(5) |
| <input type="checkbox"/> 11.D(1) | <input checked="" type="checkbox"/> 11.D(2) | <input type="checkbox"/> 11.D(3) | <input checked="" type="checkbox"/> 11.D(4) | <input type="checkbox"/> 11.D(5) |
| <input type="checkbox"/> 11.E(1) | <input type="checkbox"/> 11.E(2) | <input type="checkbox"/> 11.E(3) | <input type="checkbox"/> 11.E(4) | |
| <input type="checkbox"/> 11.F. | <input type="checkbox"/> 11.G. | | | |

Use a separate DRP for each event or *proceeding*. The same event or *proceeding* may be reported for more than one *person* or entity using one DRP. File with a completed Execution Page.

One event may result in more than one affirmative answer to Items 11.C., 11.D., 11.E., 11.F. or 11.G. Use only one DRP to report details related to the same event. If an event gives rise to actions by more than one regulator, provide details for each action on a separate DRP.

PART I

A. The *person(s)* or entity(ies) for whom this DRP is being filed is (are):

- You (the advisory firm)
- You and one or more of your *advisory affiliates*
- One or more of your *advisory affiliates*

If this DRP is being filed for an *advisory affiliate*, give the full name of the *advisory affiliate* below (for individuals, Last name, First name, Middle name). If the *advisory affiliate* has a *CRD* number, provide that number. If not, indicate "non-registered" by checking the appropriate box.

ADV DRP - ADVISORY AFFILIATE

No Information Filed

- This DRP should be removed from the ADV record because the *advisory affiliate(s)* is no longer associated with the adviser.
- This DRP should be removed from the ADV record because: (1) the event or *proceeding* occurred more than ten years ago or (2) the adviser is registered or applying for registration with the SEC or reporting as an *exempt reporting adviser* with the SEC and the event was resolved in the adviser's or *advisory affiliate's* favor.

If you are registered or registering with a *state securities authority*, you may remove a DRP for an event you reported only in response to Item 11.D(4), and only if that event occurred more than ten years ago. If you are registered or registering with the SEC, you may remove a DRP for any event listed in Item 11 that occurred more than ten years ago.

- This DRP should be removed from the ADV record because it was filed in error, such as due to a clerical or data-entry mistake. Explain the circumstances:

B. If the *advisory affiliate* is registered through the IARD system or *CRD* system, has the *advisory affiliate* submitted a DRP (with Form ADV, BD or U-4) to the IARD or *CRD* for the event? If the answer is "Yes," no other information on this DRP must be provided.

- Yes No

NOTE: The completion of this form does not relieve the *advisory affiliate* of its obligation to update its IARD or *CRD* records.

PART II

1. Regulatory Action initiated by:

- SEC Other Federal State SRO Foreign

(Full name of regulator, *foreign financial regulatory authority*, federal, state, or *SRO*)

SWEDISH FINANCIAL SUPERVISORY AUTHORITY (SFSA)

2. Principal Sanction:

Civil and Administrative Penalt(ies) /Fine(s)

Other Sanctions:

3. Date Initiated (MM/DD/YYYY):

01/22/2015 Exact Explanation

If not exact, provide explanation:

THE SFSA REACHED ITS DECISION ON JANUARY 22, 2015, BUT D. E. SHAW & CO., L.P. RECEIVED NOTIFICATION OF THE DECISION ON MARCH 11, 2015.

4. Docket/Case Number:

FI DNR 14-9564

5. *Advisory Affiliate* Employing Firm when activity occurred which led to the regulatory action (if applicable):

6. Principal Product Type:
Equity Listed (Common & Preferred Stock)
Other Product Types:

7. Describe the allegations related to this regulatory action (your response must fit within the space provided):

IN JUNE 2014, D. E. SHAW & CO., L.P. UNINTENTIONALLY SUBMITTED A NOTIFICATION OF A NET SHORT POSITION IN THE SHARES OF A SWEDISH ISSUER TO THE SFSA AFTER THE NEXT-DAY NOTIFICATION DEADLINE SPECIFIED IN THE EUROPEAN UNION SHORT SELLING REGULATION.

8. Current Status? Pending On Appeal Final

9. If on appeal, regulatory action appealed to (SEC, SRO, Federal or State Court) and Date Appeal Filed:

If Final or On Appeal, complete all items below. For Pending Actions, complete Item 13 only.

10. How was matter resolved:

Decision

11. Resolution Date (MM/DD/YYYY):

04/01/2015 Exact Explanation

If not exact, provide explanation:

ON JANUARY 22, 2015, THE SFSA IMPOSED A PENALTY FEE ON D. E. SHAW & CO., L.P. AND THE PENALTY FEE BECAME EFFECTIVE ON APRIL 1, 2015.

12. Resolution Detail:

A. Were any of the following Sanctions *Ordered* (check all appropriate items)?

Monetary/Fine Amount: \$ 10,500.00

Revocation/Expulsion/Denial

Censure

Bar

Disgorgement/Restitution

Cease and Desist/Injunction

Suspension

B. Other Sanctions *Ordered*:

Sanction detail: if suspended, *enjoined* or barred, provide duration including start date and capacities affected (General Securities Principal, Financial Operations Principal, etc.). If requalification by exam/retraining was a condition of the sanction, provide length of time given to requalify/retrain, type of exam required and whether condition has been satisfied. If disposition resulted in a fine, penalty, restitution, disgorgement or monetary compensation, provide total amount, portion levied against you or an *advisory affiliate*, date paid and if any portion of penalty was waived:

PENALTY FEE OF 90,000 SWEDISH KRONOR (APPROXIMATELY US \$10,500) TO BE PAID BY D. E. SHAW & CO., L.P. FOLLOWING THE ISSUANCE OF AN INVOICE BY THE SFSA.

13. Provide a brief summary of details related to the action status and (or) disposition and include relevant terms, conditions and dates (your response must fit within the space provided).

THE SFSA PENALTY FEE BECAME EFFECTIVE ON APRIL 1, 2015. D. E. SHAW & CO., L.P. RECEIVED AN INVOICE FOR THE PENALTY FEE ON APRIL 22, 2015 AND SUBMITTED PAYMENT TO THE SFSA ON MAY 7, 2015.

GENERAL INSTRUCTIONS

This Disclosure Reporting Page (DRP ADV) is an INITIAL **OR** AMENDED response used to report details for affirmative responses to Items 11.C., 11.D., 11.E., 11.F. or 11.G. of Form ADV.

Regulatory Action

Check item(s) being responded to:

<input type="checkbox"/> 11.C(1)	<input type="checkbox"/> 11.C(2)	<input type="checkbox"/> 11.C(3)	<input type="checkbox"/> 11.C(4)	<input type="checkbox"/> 11.C(5)
<input type="checkbox"/> 11.D(1)	<input checked="" type="checkbox"/> 11.D(2)	<input type="checkbox"/> 11.D(3)	<input checked="" type="checkbox"/> 11.D(4)	<input type="checkbox"/> 11.D(5)
<input type="checkbox"/> 11.E(1)	<input type="checkbox"/> 11.E(2)	<input type="checkbox"/> 11.E(3)	<input type="checkbox"/> 11.E(4)	
<input type="checkbox"/> 11.F.	<input type="checkbox"/> 11.G.			

Use a separate DRP for each event or *proceeding*. The same event or *proceeding* may be reported for more than one *person* or entity using one DRP. File with a completed Execution Page.

One event may result in more than one affirmative answer to Items 11.C., 11.D., 11.E., 11.F. or 11.G. Use only one DRP to report details related to the same event. If an event gives rise to actions by more than one regulator, provide details for each action on a separate DRP.

A. The *person(s)* or entity(ies) for whom this DRP is being filed is (are):

- You (the advisory firm)
- You and one or more of your *advisory affiliates*
- One or more of your *advisory affiliates*

If this DRP is being filed for an *advisory affiliate*, give the full name of the *advisory affiliate* below (for individuals, Last name, First name, Middle name).

If the *advisory affiliate* has a *CRD* number, provide that number. If not, indicate "non-registered" by checking the appropriate box.

ADV DRP - ADVISORY AFFILIATE

<i>CRD</i> Number:	This <i>advisory affiliate</i> is <input checked="" type="radio"/> a Firm <input type="radio"/> an Individual
Registered:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Name:	D. E. SHAW & CO. (ASIA PACIFIC) LIMITED (For individuals, Last, First, Middle)

- This DRP should be removed from the ADV record because the *advisory affiliate(s)* is no longer associated with the adviser.
- This DRP should be removed from the ADV record because: (1) the event or *proceeding* occurred more than ten years ago or (2) the adviser is registered or applying for registration with the SEC or reporting as an *exempt reporting adviser* with the SEC and the event was resolved in the adviser's or *advisory affiliate's* favor.

If you are registered or registering with a *state securities authority*, you may remove a DRP for an event you reported only in response to Item 11.D(4), and only if that event occurred more than ten years ago. If you are registered or registering with the SEC, you may remove a DRP for any event listed in Item 11 that occurred more than ten years ago.

- This DRP should be removed from the ADV record because it was filed in error, such as due to a clerical or data-entry mistake. Explain the circumstances:

B. If the *advisory affiliate* is registered through the IARD system or *CRD* system, has the *advisory affiliate* submitted a DRP (with Form ADV, BD or U-4) to the IARD or *CRD* for the event? If the answer is "Yes," no other information on this DRP must be provided.

- Yes No

NOTE: The completion of this form does not relieve the *advisory affiliate* of its obligation to update its IARD or *CRD* records.

PART II

1. Regulatory Action initiated by:

- SEC Other Federal State *SRO* Foreign

(Full name of regulator, *foreign financial regulatory authority*, federal, state, or *SRO*)

SECURITIES & FUTURES COMMISSION OF KOREA ("SFC")

2. Principal Sanction:

Civil and Administrative Penalt(ies) /Fine(s)

Other Sanctions:

3. Date Initiated (MM/DD/YYYY):

09/25/2015 Exact Explanation

If not exact, provide explanation:

THE SFC REACHED ITS DECISION ON SEPTEMBER 25, 2015.

4. Docket/Case Number:

5. *Advisory Affiliate* Employing Firm when activity occurred which led to the regulatory action (if applicable):

D. E. SHAW & CO. (ASIA PACIFIC) LIMITED ("DESCO AP")

6. Principal Product Type:

Equity Listed (Common & Preferred Stock)

Other Product Types:

7. Describe the allegations related to this regulatory action (your response must fit within the space provided):

IN DECEMBER 2013, DESCO AP, ON BEHALF OF A FUND, ENTERED INTO A BLOCK TRADE WITH A COUNTERPARTY TO PURCHASE SHARES OF A PUBLIC COMPANY IN KOREA. SUBSEQUENTLY, ON THE SAME DAY, DESCO AP DIRECTED THE FUND TO SELL THOSE SHARES. DUE TO EVENTS OUTSIDE THE CONTROL OF DESCO AP, THE COUNTERPARTY IN THE BLOCK TRADE UNILATERALLY DELAYED THE TRADE AND FAILED TO DELIVER THE SHARES ON THE AGREED DATE OF SETTLEMENT, WHICH CAUSED THE FUND TO FAIL ON ITS DELIVERY REQUIREMENT FOR THE SUBSEQUENT SALE OF THE SHARES. ON SEPTEMBER 25, 2015, THE SFC IMPOSED A FINE OF APPROXIMATELY US \$13,000 ON DESCO AP FOR VIOLATING KOREAN RESTRICTIONS ON SHORT SELLING.

8. Current Status? Pending On Appeal Final

9. If on appeal, regulatory action appealed to (SEC, SRO, Federal or State Court) and Date Appeal Filed:

If Final or On Appeal, complete all items below. For Pending Actions, complete Item 13 only.

10. How was matter resolved:

Decision

11. Resolution Date (MM/DD/YYYY):

09/25/2015 Exact Explanation

If not exact, provide explanation:

12. Resolution Detail:

A. Were any of the following Sanctions *Ordered* (check all appropriate items)?

Monetary/Fine Amount: \$ 13,000.00

Revocation/Expulsion/Denial

Censure

Bar

Disgorgement/Restitution

Cease and Desist/Injunction

Suspension

B. Other Sanctions *Ordered*:

Sanction detail: if suspended, *enjoined* or barred, provide duration including start date and capacities affected (General Securities Principal, Financial Operations Principal, etc.). If requalification by exam/retraining was a condition of the sanction, provide length of time given to requalify/retrain, type of exam required and whether condition has been satisfied. If disposition resulted in a fine, penalty, restitution, disgorgement or monetary compensation, provide total amount, portion levied against you or an *advisory affiliate*, date paid and if any portion of penalty was waived:

THE SFC IMPOSED A FINE OF APPROXIMATELY US \$13,000.

13. Provide a brief summary of details related to the action status and (or) disposition and include relevant terms, conditions and dates (your response must fit within the space provided).

DESCO AP PAID THE FINE ON OCTOBER 16, 2015.

GENERAL INSTRUCTIONS

This Disclosure Reporting Page (DRP ADV) is an INITIAL **OR** AMENDED response used to report details for affirmative responses to Items 11.C., 11.D., 11.E., 11.F. or 11.G. of Form ADV.

Regulatory Action

Check item(s) being responded to:

11.C(1)

11.C(2)

11.C(3)

11.C(4)

11.C(5)

11.D(1)

11.D(2)

11.D(3)

11.D(4)

11.D(5)

11.E(1)

11.E(2)

11.E(3)

11.E(4)

11.F.

11.G.

Use a separate DRP for each event or *proceeding*. The same event or *proceeding* may be reported for more than one *person* or entity using one DRP. File with a completed Execution Page.

One event may result in more than one affirmative answer to Items 11.C., 11.D., 11.E., 11.F. or 11.G. Use only one DRP to report details related to the same event. If an event gives rise to actions by more than one regulator, provide details for each action on a separate DRP.

PART I

A. The *person(s)* or entity(ies) for whom this DRP is being filed is (are):

You (the advisory firm)

You and one or more of your *advisory affiliates*

One or more of your *advisory affiliates*

If this DRP is being filed for an *advisory affiliate*, give the full name of the *advisory affiliate* below (for individuals, Last name, First name, Middle name).

If the *advisory affiliate* has a CRD number, provide that number. If not, indicate "non-registered" by checking the appropriate box.

ADV DRP - ADVISORY AFFILIATE

No Information Filed

- This DRP should be removed from the ADV record because the *advisory affiliate(s)* is no longer associated with the adviser.
- This DRP should be removed from the ADV record because: (1) the event or *proceeding* occurred more than ten years ago or (2) the adviser is registered or applying for registration with the SEC or reporting as an *exempt reporting adviser* with the SEC and the event was resolved in the adviser's or *advisory affiliate's* favor.

If you are registered or registering with a *state securities authority*, you may remove a DRP for an event you reported only in response to Item 11.D(4), and only if that event occurred more than ten years ago. If you are registered or registering with the SEC, you may remove a DRP for any event listed in Item 11 that occurred more than ten years ago.

- This DRP should be removed from the ADV record because it was filed in error, such as due to a clerical or data-entry mistake. Explain the circumstances:

- B. If the *advisory affiliate* is registered through the IARD system or *CRD* system, has the *advisory affiliate* submitted a DRP (with Form ADV, BD or U-4) to the IARD or *CRD* for the event? If the answer is "Yes," no other information on this DRP must be provided.

Yes No

NOTE: The completion of this form does not relieve the *advisory affiliate* of its obligation to update its IARD or *CRD* records.

PART II

1. Regulatory Action initiated by:

SEC Other Federal State SRO Foreign

(Full name of regulator, *foreign financial regulatory authority*, federal, state, or *SRO*)
SECURITIES AND EXCHANGE COMMISSION (SEC)

2. Principal Sanction:

Civil and Administrative Penalt(ies) /Fine(s)

Other Sanctions:

CENSURE AND CEASE AND DESIST ORDER.

3. Date Initiated (MM/DD/YYYY):

09/29/2023 Exact Explanation

If not exact, provide explanation:

4. Docket/Case Number:

FILE NO. 3-21775

5. *Advisory Affiliate* Employing Firm when activity occurred which led to the regulatory action (if applicable):

6. Principal Product Type:

No Product

Other Product Types:

7. Describe the allegations related to this regulatory action (your response must fit within the space provided):

ON SEPTEMBER 29, 2023, THE SEC ISSUED A SETTLED ORDER FINDING THAT LANGUAGE IN CERTAIN EMPLOYMENT-RELATED AGREEMENTS USED BY D. E. SHAW & CO., L.P. ("DESCO LP") RAISED IMPEDIMENTS TO EMPLOYEES' PARTICIPATION IN THE SEC'S WHISTLEBLOWER PROGRAM IN VIOLATION OF EXCHANGE ACT RULE 21F-17(A). THE SEC'S ORDER ACKNOWLEDGED THAT DESCO LP TOOK A NUMBER OF STEPS DATING BACK TO 2017 TO AFFIRM EMPLOYEES' WHISTLEBLOWING RIGHTS, INCLUDING BY SENDING A FIRMWIDE EMAIL EMPHASIZING THOSE RIGHTS AND ADDING SPECIFIC WHISTLEBLOWER PROTECTION LANGUAGE TO THE FIRM'S POLICY MATERIALS; HOWEVER, SIMILAR WHISTLEBLOWER PROTECTION LANGUAGE WAS NOT INCLUDED DIRECTLY IN DESCO LP'S EMPLOYMENT AGREEMENTS UNTIL APRIL 2019 OR IN ITS FORM OF SEPARATION RELEASE UNTIL JUNE 2023.

8. Current Status? Pending On Appeal Final

9. If on appeal, regulatory action appealed to (SEC, *SRO*, Federal or State Court) and Date Appeal Filed:

If Final or On Appeal, complete all items below. For Pending Actions, complete Item 13 only.

10. How was matter resolved:

Decision & Order of Offer of Settlement

11. Resolution Date (MM/DD/YYYY):

09/29/2023 Exact Explanation

If not exact, provide explanation:

12. Resolution Detail:

A. Were any of the following Sanctions *Ordered* (check all appropriate items)?

Monetary/Fine Amount: \$ 10,000,000.00

Revocation/Expulsion/Denial

Censure

Bar

Disgorgement/Restitution

Cease and Desist/Injunction

Suspension

B. Other Sanctions *Ordered*:

Sanction detail: if suspended, *enjoined* or barred, provide duration including start date and capacities affected (General Securities Principal, Financial Operations Principal, etc.). If requalification by exam/retraining was a condition of the sanction, provide length of time given to requalify/retrain, type of exam required and whether condition has been satisfied. If disposition resulted in a fine, penalty, restitution, disgorgement or monetary compensation, provide total amount, portion levied against you or an *advisory affiliate*, date paid and if any portion of penalty was waived:

DESCO LP, WITHOUT ADMITTING OR DENYING THE FINDINGS, AGREED TO A CENSURE, TO CEASE AND DESIST FROM COMMITTING OR CAUSING ANY VIOLATIONS AND ANY FUTURE VIOLATIONS OF RULE 21F-17(A), AND TO PAY A \$10 MILLION PENALTY.

13. Provide a brief summary of details related to the action status and (or) disposition and include relevant terms, conditions and dates (your response must fit within the space provided).

THE SEC ENTERED AN ORDER ON SEPTEMBER 29, 2023 ACCEPTING THE OFFER OF SETTLEMENT. DESCO LP PAID THE PENALTY ON OCTOBER 3, 2023.

CIVIL JUDICIAL ACTION DISCLOSURE REPORTING PAGE (ADV)

No Information Filed

Part 2

Exemption from brochure delivery requirements for SEC-registered advisers

SEC rules exempt SEC-registered advisers from delivering a firm brochure to some kinds of clients. If these exemptions excuse you from delivering a brochure to *all* of your advisory clients, you do not have to prepare a brochure.

Are you exempt from delivering a brochure to all of your clients under these rules?

Yes No



If no, complete the ADV Part 2 filing below.

Amend, retire or file new brochures:

Part 3

CRS

Type(s)

Affiliate Info

Retire

There are no CRS filings to display.

Execution Pages

DOMESTIC INVESTMENT ADVISER EXECUTION PAGE

You must complete the following Execution Page to Form ADV. This execution page must be signed and attached to your initial submission of Form ADV to the SEC and all amendments.

Appointment of Agent for Service of Process

By signing this Form ADV Execution Page, you, the undersigned adviser, irrevocably appoint the Secretary of State or other legally designated officer, of the state in which you maintain your *principal office and place of business* and any other state in which you are submitting a *notice filing*, as your agents to receive service, and agree that such *persons* may accept service on your behalf, of any notice, subpoena, summons, *order* instituting *proceedings*, demand for arbitration, or other process or papers, and you further agree that such service may be made by registered or certified mail, in any federal or state action, *administrative proceeding* or arbitration brought against you in any place subject to the jurisdiction of the United States, if the action, *proceeding*, or arbitration (a) arises out of any activity in connection with your investment advisory business that is subject to the jurisdiction of the United States, and (b) is *founded*, directly or indirectly, upon the provisions of: (i) the Securities Act of 1933, the Securities Exchange Act of 1934, the Trust Indenture Act of 1939, the Investment Company Act of 1940, or the Investment Advisers Act of 1940, or any rule or regulation under any of these acts, or (ii) the laws of the state in which you maintain your *principal office and place of business* or of any state in which you are submitting a *notice filing*.

Signature

I, the undersigned, sign this Form ADV on behalf of, and with the authority of, the investment adviser. The investment adviser and I both certify, under penalty of perjury under the laws of the United States of America, that the information and statements made in this ADV, including exhibits and any other information submitted, are true and correct, and that I am signing this Form ADV Execution Page as a free and voluntary act.

I certify that the adviser's books and records will be preserved and available for inspection as required by law. Finally, I authorize any *person* having *custody* or possession of these

books and records to make them available to federal and state regulatory representatives.

Signature:
NATHAN C. THOMAS

Date: MM/DD/YYYY
04/01/2024

Printed Name:
NATHAN C. THOMAS

Title:
CHIEF COMPLIANCE OFFICER

Adviser *CRD* Number:
108679

NON-RESIDENT INVESTMENT ADVISER EXECUTION PAGE

You must complete the following Execution Page to Form ADV. This execution page must be signed and attached to your initial submission of Form ADV to the SEC and all amendments.

1. Appointment of Agent for Service of Process

By signing this Form ADV Execution Page, you, the undersigned adviser, irrevocably appoint each of the Secretary of the SEC, and the Secretary of State or other legally designated officer, of any other state in which you are submitting a *notice filing*, as your agents to receive service, and agree that such persons may accept service on your behalf, of any notice, subpoena, summons, *order* instituting *proceedings*, demand for arbitration, or other process or papers, and you further agree that such service may be made by registered or certified mail, in any federal or state action, administrative *proceeding* or arbitration brought against you in any place subject to the jurisdiction of the United States, if the action, *proceeding* or arbitration (a) arises out of any activity in connection with your investment advisory business that is subject to the jurisdiction of the United States, and (b) is *founded*, directly or indirectly, upon the provisions of: (i) the Securities Act of 1933, the Securities Exchange Act of 1934, the Trust Indenture Act of 1939, the Investment Company Act of 1940, or the Investment Advisers Act of 1940, or any rule or regulation under any of these acts, or (ii) the laws of any state in which you are submitting a *notice filing*.

2. Appointment and Consent: Effect on Partnerships

If you are organized as a partnership, this irrevocable power of attorney and consent to service of process will continue in effect if any partner withdraws from or is admitted to the partnership, provided that the admission or withdrawal does not create a new partnership. If the partnership dissolves, this irrevocable power of attorney and consent shall be in effect for any action brought against you or any of your former partners.

3. *Non-Resident* Investment Adviser Undertaking Regarding Books and Records

By signing this Form ADV, you also agree to provide, at your own expense, to the U.S. Securities and Exchange Commission at its principal office in Washington D.C., at any Regional or District Office of the Commission, or at any one of its offices in the United States, as specified by the Commission, correct, current, and complete copies of any or all records that you are required to maintain under Rule 204-2 under the Investment Advisers Act of 1940. This undertaking shall be binding upon you, your heirs, successors and assigns, and any *person* subject to your written irrevocable consents or powers of attorney or any of your general partners and *managing agents*.

Signature

I, the undersigned, sign this Form ADV on behalf of, and with the authority of, the *non-resident* investment adviser. The investment adviser and I both certify, under penalty of perjury under the laws of the United States of America, that the information and statements made in this ADV, including exhibits and any other information submitted, are true and correct, and that I am signing this Form ADV Execution Page as a free and voluntary act.

I certify that the adviser's books and records will be preserved and available for inspection as required by law. Finally, I authorize any *person* having *custody* or possession of these books and records to make them available to federal and state regulatory representatives.

Signature:
Printed Name:
Adviser *CRD* Number:
108679

Date: MM/DD/YYYY
Title: