FORM ADV

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

Prin	nary Bus	siness Name: SPECTR	UM ASSET MANAGEMENT, INC.		C	CRD Number: 1821
Oth	er-Than-	Annual Amendment -	All Sections			Rev. 10/201
12/4	/2018 12	2:21:14 PM				
WA	ARNING:	· ·	uthfully. False statements or omission d by filing periodic amendments. See		vocation of your registration, or criminal prosecut	ion. You must
ten	n 1 Ident	ifying Information				
	•			ss, and how we can contact you. If you are taken and how we can contact you. If you are to assist you with filing an <i>umbrella re</i>	iling an <i>umbrella registration</i> , the information in l gistration.	tem 1 should be
A.			e a sole proprietor, your last, first, and	d middle names):		
	SPECT	RUM ASSET MANAGEI	MENT, INC.			
B.		me under which you pri	marily conduct your advisory busines	s, if different from Item 1.A.		
	List on	Section 1.B. of Schedu	ule D any additional names under whi	ch you conduct your advisory business.		
	(2) If yo	ou are using this Form	ADV to register more than one invest	ment adviser under an umbrella registration	, check this box \square	
	If you o	check this box, complet	te a Schedule R for each relying advis	ser.		
C.			nge in your legal name (Item 1.A.) or p primary business name:	orimary business name (Item 1.B.(1)), enter	the new name and specify whether the name cha	nge is of
D.		-	he SEC as an investment adviser, you an exempt reporting adviser, your SE			
	(3) If yo	ou have one or more C	entral Index Key numbers assigned by	y the SEC ("CIK Numbers"), all of your CIK r	umbers:	
				No Information Filed		
E.	(1) If yo	ou have a number (" <i>CR</i>	PD Number") assigned by the FINRA's	s CRD system or by the IARD system, your C	RD number: 18217	
	If your	firm does not have a C	RD number, skip this Item 1.E. Do no	ot provide the CRD number of one of your of	ficers, employees, or affiliates.	
	(2) If yo	ou have additional <i>CRL</i>	Numbers, your additional <i>CRD</i> num	bers:		
				No Information Filed		
F.	Princip	al Office and Place of I	Business			
	•	ldress (do not use a P.0				
	Nι	ımber and Street 1:		Number and Street 2:		
		HIGH RIDGE PARK		2ND FLOOR		
	Cit ST	iy: TAMFORD	State: Connecticut	Country: United States	ZIP+4/Postal Code: 06905	
	lf t	his address is a private	e residence, check this box:			
	reç wh	gistration, or are registe nom you are registered	ered, with one or more state securities . If you are applying for SEC registration	authorities, you must list all of your offices in	th you conduct investment advisory business. If you the state or states to which you are applying for it if you are reporting to the SEC as an exempt repoted fiscal year.	registration or with
		ays of week that you no Monday - Friday C Ot	ormally conduct business at your <i>princ</i>	ipal office and place of business:		
		ormal business hours a M-5:30PM	at this location:			
	(3) Te	elephone number at this	s location:			
		acsimile number at this 3-968-1455	location, if any:			
	(E) \\/I	hat is the total number	of offices, other than your principal of	fice and place of husiness at which you con	duct investment advisory business as of the end	of your most

recently completed fiscal year?
0

G.	Mailing address, if different fro	om your <i>principal office and pla</i>	ace of business address:			
	Number and Street 1:		Number and Street 2:			
	City:	State:	Country:	ZIP+4/Postal Code:		
	If this address is a private re	sidence, check this box:				
Н.	If you are a sole proprietor, st	ate your full residence address	s, if different from your <i>principal office and place</i>	e of business address in Item 1.F.:		
	Number and Street 1:		Number and Street 2:			
	City:	State:	Country:	ZIP+4/Postal Code:		
	J.,				Yes	Nr
l.	Do you have one or more wel	bsites or accounts on publicly	available social media platforms (including, but	not limited to, Twitter, Facebook and LinkedIn)?		0
	address serves as a portal the information. You may need to	rough which to access other in o list more than one portal add	nformation you have published on the web, you i lress. Do not provide the addresses of websites	social media platforms on Section 1.I. of Schedule D. If a we may list the portal without listing addresses for all of the other or accounts on publicly available social media platforms whe addresses of employee accounts on publicly available social media platforms when addresses of employee accounts on publicly available social media platforms.	ere you	
	Objet Occupiones Officer					
J.		ntact information of your Chief (ing adviser, you must provide the contact information for your	· Chief	
	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) addr	ress, if Chief Compliance Offic	per has one:			
K.	Name: IRS Employer Identification N Additional Regulatory Contact may provide that information I	t Person: If a person other than	n the Chief Compliance Officer is authorized to	receive information and respond to questions about this Forr	m ADV, y	/ou
	Name:	nore.	Titles:			
	Telephone number: Number and Street 1:		Facsimile number, if any: Number and Street 2:			
	City:	State:	Country:	ZIP+4/Postal Code:		
	Oity.	otate.	Country.	211 1-4/1 ostal osac.		
	Electronic mail (e-mail) addr	ress, if contact person has one	e:			
					Yes	No
L.	Do you maintain some or all of principal office and place of be	-	are required to keep under Section 204 of the A	dvisers Act, or similar state law, somewhere other than your	0	•
	If "yes," complete Section 1.L	. of Schedule D.			Yes	Nc
M.	Are you registered with a fore	ign financial regulatory authori	ity?		0	
	Answer "no" if you are not reg complete Section 1.M. of Sch		regulatory authority, even if you have an affiliate	e that is registered with a foreign financial regulatory authority	y. If "yes,	, "
					Yes	No
N.	Are you a public reporting cor	mpany under Sections 12 or 15	5(d) of the Securities Exchange Act of 1934?		0	•
					Yes	No
O.	Did you have \$1 billion or model of yes, what is the approximate	e amount of your assets:	your most recent fiscal year?		0	•
	C \$1 billion to less than \$7	10 billion				
	\$10 billion to less than \$	\$50 billion				
	C \$50 billion or more					

	O. only, "assets" refers to your total assets, ra or your most recent fiscal year end.	ther than the assets you manage on behalf of c	lients. Determine your total assets using the total assets shown
P. Provide your Legal Entition WARIMFOO2Y13MJ7LN	<i>ty Identifier</i> if you have one: NX31		
A legal entity identifier is	s a unique number that companies use to ider	ntify each other in the financial marketplace. Yo	ou may not have a legal entity identifier.
SECTION 1.B. Other Busines	ss Names		
List your other business na	mes and the jurisdictions in which you use th	em. You must complete a separate Schedule	D Section 1.B. for each business name.
Name: PRINCIPAL GLOBA	L INVESTORS		
Jurisdictions			
☑ AL	₽ıL	☑ NE	☑ SC
☑ AK	☑ IN	☑ NV	☑ SD
☑ AZ	☑ IA	☑ NH	☑ TN
☑ AR	☑ KS	☑ NJ	☑ TX
☑ CA	☑ KY	☑ NM	☑ UT
☑ co	☑ LA	☑ NY	☑VT
☑ CT	☑ ME	☑ NC	□VI
☑ DE	☑ MD	₽ ND	▽ VA
☑ DC	⊠ MA	☑ OH	☑ WA
▽ FL	⊠ MI	☑ OK	₽w
▽ GA	☑ MN	☑ OR	☑ wı
□GU	☑ MS	₽ PA	□wy
☑ HI	Г мо	₽ PR	Cother:
☑ ID	⊠ MT	☑ RI	
ECTION 1.F. Other Offices			
		No Information Filed	

SECTION 1.I. Website Addresses

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.SAMIPFD.COM

SECTION 1.L. Location of Books and Records

No Information Filed

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 eithe	er:		
		(a) has regulatory assets under m	anagement of \$100 million (in U.S. dollars	s) or more; or	
		(b) has regulatory assets under movement with the SEC;	anagement of \$90 million (in U.S. dollars)	or more at the time of filing its most recent ar	nual updating amendment and is registered
	(2)	are a mid-sized advisory firm that are either:	has regulatory assets under managemen	t of \$25 million (in U.S. dollars) or more but le	ss than \$100 million (in U.S. dollars) and you
		(a) not required to be registered as	s an adviser with the state securities autho	ority of the state where you maintain your prince	pal office and place of business; or
		(b) not subject to examination by tl	ne state securities authority of the state wh	ere you maintain your principal office and plac	e of business;
		Click HERE for a list of states i	n which an investment adviser, if registere	d, would not be subject to examination by the	state securities authority.
	(3)	Reserved	•		•
			e of business outside the United States;		
	. ,			stered under the Investment Company Act of 1	940.
	(-)	are an investment adviser to a co		ss development company pursuant to section	
	(7)		•	te value of at least \$200,000,000 that qualifies	for the exemption in rule 203A-2(a):
	()	are a related adviser under rule 20		s under common <i>control</i> with, an investment a	
		If you check this box, complete Se	ction 2.A.(8) of Schedule D.		
	(9)		A-2(c) because you expect to be eligible fo	or SEC registration within 120 days:	
	(-)	If you check this box, complete Se			
	(10)		equired to register in 15 or more states and	l is relying on rule 203A-2(d):	
	(10)	If you check this box, complete Se		1.10.10.7.1.1.9 0.1.1.1.10 2007.1 2(0),	
	(11)) are an Internet adviser relying on i	, ,		
_	, ,	,	opting you from the prohibition against regis	stration with the SEC	
	(12)			stration with the SEC,	
_	1 (40)	If you check this box, complete Se			
	(13)	are no longer eligible to remain reg	gistered with the SEC.		
Stato	Socuri	ities Authority Notice Filings and St	ate Reporting by Exempt Reporting Advi	isare	
		•		sers es authorities a copy of the Form ADV and any	amendments they file with the SEC. These
ar				ide state securities authorities with a copy of re	ports and any amendments they file with the
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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).

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 <i>state securities authority</i> 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 <i>state</i> 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 <i>state securities authorities</i> of those states.			
If you are submitting your <i>annual updating amendment</i> , 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 <i>state securities authorities</i> in those states.			
SECTION 2.A.(12) SEC Exemptive <i>Order</i>			
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 <i>umbrella registration</i> , the information in Item 3 should be provided for the <i>filing adviser</i> only. A. How are you organized?			
Corporation			
O Sole Proprietorship			
C Limited Liability Partnership (LLP)			
C Partnership			
C Limited Liability Company (LLC)			
C 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

Connecticut 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

Yes No

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)?

0 0

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

Responses to this Item help us understand your business, assist us in preparing for on-site examinations, and provide us with data we use when making regulatory policy. Part 1A Instruction 5.a. provides additional guidance to newly formed advisers for completing this Item 5.

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.

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

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

- (3) Approximately how many of the *employees* reported in 5.A. are registered with one or more *state securities authorities* as *investment adviser representatives*?
- (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?
- (5) Approximately how many of the *employees* reported in 5.A. are licensed agents of an insurance company or agency?
- (6) Approximately how many firms or other *persons* solicit advisory *clients* on your behalf?

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?

U

1

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

38%

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 (d)(1) or (d)(3) 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 <i>Client</i>	(1) Number of Client(s)	(2) Fewer than 5 Clients	(3) Amount of Regulatory Assets under Management
(a) Individuals (other than high net worth individuals)			\$
(b) High net worth individuals		V	\$ 52,402,418
(c) Banking or thrift institutions			\$
(d) Investment companies	7		\$ 10,381,795,746
(e) Business development companies			\$
(f) Pooled investment vehicles (other than investment companies and business development companies)	29		\$ 6,423,749,374
(g) Pension and profit sharing plans (but not the plan participants or government pension plans)			\$
(h) Charitable organizations			\$
(i) State or municipal government entities (including government pension plans)			\$
(j) Other investment advisers			\$
(k) Insurance companies	6		\$ 1,162,373,646
(I) Sovereign wealth funds and foreign official institutions			\$
(m) Corporations or other businesses not listed above	39		\$ 5,530,051,614
(n) Other:			\$

Compensation	Arrangements
--------------	--------------

E. '	You are compensated for your investmen	t advisory services by (check all that apply):
------	--	--

V	(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

V (6) Performance-based fees

Other (specify): **(7)**

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?

⊙ 0

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:

\$ 19,613,083,031

(d) 67

Non-Discretionary:

\$ 3,937,289,767

15 (e)

Total:

\$ 23,550,372,798

82 (f)

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?

\$7,159,455,888

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	e Investm	ent
	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 <i>clients</i> (other than registered investment companies and other poole 	d investm	ont
	vehicles)	u iiivesiiii	i C III
	(6) Pension consulting services		
	(7) Selection of other advisers (including <i>private fund</i> 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 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 prin Section 5.G.(3) of Schedule D.	-	_
Н.	If you provide financial planning services, to how many clients did you provide these services during your last fiscal year?		
	⊙ 0		
	- 1 10		
	O 11 - 25		
	- 26 50		
	- 54 100		
	O 51 - 100		
	O 101 - 250		
	C 251 - 500		
	More than 500		
	If more than 500, how many? (round to the nearest 500)		
	(round to the nearest 500)		
I.	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 if (1) Do you participate in a wrap fee program?	Yes	
-	(2) If you participate in a wrap fee program, what is the amount of your regulatory assets under management attributable to acting as:	⊚	0
	(a) sponsor to a wrap fee program \$ 0		
	φ υ (b) portfolio manager for a <i>wrap fee program</i> ?		
	\$ 5,124,354,865		
	(c) sponsor to and portfolio manager for the same wrap fee program?		
	\$0		
	If you report an amount in Item 5.1.(2)(c), do not report that amount in Item 5.1.(2)(a) or Item 5.1.(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 5.1.(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 fe	oo prograu	m
	do not check Item 5.1.(1) or enter any amounts in response to Item 5.1.(2).	e program	11,
	ao not shosh tom sin(1) sh shor any amounts in responde to hom sin(2).	Yes	No
	(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?	163	-
J.		⊙	0
	(2) Do you report <i>client</i> 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	0	\odot
	management?		
K.	Separately Managed Account Clients		
	operate, manager recent enemal	Yes	No
	(1) Do you have regulatory assets under management attributable to <i>clients</i> other than those listed in Item 5.D.(3)(d)-(f) (separately managed account <i>clients</i>)?	•	
	, , , , , , , , , , , , , , , , , , ,	⊙	0
	If yes, complete Section 5.K.(1) of Schedule D.		
	n you, complete decilon on (1) or contentio b.		
	(2) Do you engage in borrowing transactions on behalf of any of the separately managed account <i>clients</i> that you advise?	_	_
		0	•
	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 <i>clients</i> that you advise?	•	0

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?

 \odot

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

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

If you check Item 5.G.(3), what is the SEC file number (811 or 814 number) of each of the registered investment companies and business development companies to which you act as an adviser pursuant to an advisory contract? You must complete a separate Schedule D Section 5.G.(3) for each registered investment company and business development company to which you act as an adviser.

SEC File Number

811 - 01944

Provide the regulatory assets under management of all *parallel managed accounts* related to a registered investment company (or series thereof) or business development company that you advise.

Series ID	Parallel Managed Account Regulatory assets under management
	\$ 13,200,000,000

SEC File Number

811 - 03447

Provide the regulatory assets under management of all *parallel managed accounts* related to a registered investment company (or series thereof) or business development company that you advise.

Series ID	Parallel Managed Account Regulatory assets under management
	\$ 13,200,000,000

SEC File Number

811 - 07572

Provide the regulatory assets under management of all *parallel managed accounts* related to a registered investment company (or series thereof) or business development company that you advise.

Series ID	Parallel Managed Account Regulatory assets under management
	\$ 13,200,000,000

SEC File Number

811 - 07572

Provide the regulatory assets under management of all *parallel managed accounts* related to a registered investment company (or series thereof) or business development company that you advise.

Series ID	Parallel Managed Account Regulatory assets under management
	\$ 13,200,000,000

SEC File Number 811 - 07572

Provide the regulatory assets under management of all *parallel managed accounts* related to a registered investment company (or series thereof) or business development company that you advise.

Series ID	Parallel Managed Account Regulatory assets under management
	\$ 13,200,000,000

SEC File Number

811 - 21137

Provide the regulatory assets under management of all *parallel managed accounts* related to a registered investment company (or series thereof) or business development company that you advise.

Series ID	Parallel Managed Account Regulatory assets under management
	\$ 13,200,000,000

SEC File Number

811 - 23029

Provide the regulatory assets under management of all *parallel managed accounts* related to a registered investment company (or series thereof) or business development company that you advise.

Series ID	Parallel Managed Account Regulatory assets under management
	\$ 13,200,000,000

SECTION 5.I.(2) Wrap Fee Programs

If you are a portfolio manager for one or more *wrap fee programs*, list the name of each program and its *sponsor*. You must complete a separate Schedule D Section 5.I.(2) for each *wrap fee program* for which you are a portfolio manager.

Name of Wrap Fee Program

ACCESS

Name of Sponsor

UBS FINANCIAL SERVICES, INC.

Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):

Sponsor's CRD Number (if any):

Name of Wrap Fee Program

ACCESS AND SELECT

Name of Sponsor

CHARLES SCHWAB CORPORATION

Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of <i>Wrap Fee Program</i> ADVISOR SELCT
Name of <i>Sponsor</i> DEUTSCHE BANK
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program ADVISORS PROGRAM
Name of Sponsor JANNEY WEALTH MANAGEMENT
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program CONSULTING AND EVALUATION SEVICES (CES)
Name of Sponsor MORGAN STANLEY
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program CONSULTING SOLUTIONS
Name of <i>Sponsor</i> RBC DAIN RAUSCHER
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):

DIVERSIFIED MANAGED ALLOCATIONS (DMA)
Name of Sponsor
WELLS FARGO ADVISORS
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program DYNAMIC ALLOCATION PORTFOLIOS
Name of Sponsor
CITI PRIVATE BANK
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program FIDELITY SEPARATE ACCOUNT NETWORK (SAN)
Name of Sponsor
FIDELITY BROKERAGE SERVICES, LLC
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Changer's CRD Number (if any)
Sponsor's CRD Number (if any):
Name of Wrap Fee Program
FIDUCIARY SERVICES (FS)
Name of Sponsor
MORGAN STANLEY
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
-
Sponsor's CRD Number (if any):
Name of Wrap Fee Program FREEDOM UMA
Name of <i>Sponsor</i> RAYMOND JAMES AND ASSOCIATES
Spansor's SEC File Number (if any.) (e.g. 801- 8- 866- 802.)

Name of Wrap Fee Program

Sponsor's CRD Number (if any):
Name of Wrap Fee Program INVESTMENT ADVISORY PROGRAM (SIAP)
Name of Sponsor STIFEL, NICOLAUS & COMPANY, INCORPORATED
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program INVESTMENT COUNSELING SERVICE PROGRAM
Name of Sponsor JP MORGAN SECURITES LLC
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program MANAGED ACCOUNT ADVISORS (MAA)
Name of <i>Sponsor</i> BANK OF AMERICA MERRILL LYNCH
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program MANAGED ACCOUNT CONSULTING (MAC)
Name of Sponsor UBS FINANCIAL SERVICES, INC.
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program MANAGED ACCOUNT UTILITY

LOCAMORD ADVISORO NO
LOCKWOOD ADVISORS, INC.
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
-
Sponsor's CRD Number (if any):
Name of Ware For Drawers
Name of Wrap Fee Program
MANAGER SELECTION PROGRAM
Name of Sponsor
CITI PRIVATE BANK
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program
MASTERS AND SELECT: MODEL ONLY
Name of Sponsor
WELLS FARGO ADVISORS
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
-
Sponsor's CRD Number (if any):
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Name of Wrap Fee Program
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MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH
MERRILL ONE Name of <i>Sponsor</i> BANK OF AMERICA MERRILL LYNCH <i>Sponsor's</i> SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): -
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH
MERRILL ONE Name of <i>Sponsor</i> BANK OF AMERICA MERRILL LYNCH <i>Sponsor's</i> SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): -
MERRILL ONE Name of <i>Sponsor</i> BANK OF AMERICA MERRILL LYNCH <i>Sponsor's</i> SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): -
MERRILL ONE Name of <i>Sponsor</i> BANK OF AMERICA MERRILL LYNCH <i>Sponsor's</i> SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): -
MERRILL ONE Name of <i>Sponsor</i> BANK OF AMERICA MERRILL LYNCH <i>Sponsor's</i> SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): -
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any):
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any): Name of Wrap Fee Program
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any): Name of Wrap Fee Program
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any): Name of Wrap Fee Program MODEL DELIVERY PROGRAM
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any): Name of Wrap Fee Program MODEL DELIVERY PROGRAM Name of Sponsor
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any): Name of Wrap Fee Program MODEL DELIVERY PROGRAM Name of Sponsor SUNTRUST BANKS
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any): Name of Wrap Fee Program MODEL DELIVERY PROGRAM Name of Sponsor
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any): Name of Wrap Fee Program MODEL DELIVERY PROGRAM Name of Sponsor SUNTRUST BANKS
MERRILL ONE Name of Sponsor BANK OF AMERICA MERRILL LYNCH Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-): - Sponsor's CRD Number (if any): Name of Wrap Fee Program MODEL DELIVERY PROGRAM Name of Sponsor SUNTRUST BANKS

Name of Wrap Fee Program MODEL PROGRAM
Name of <i>Sponsor</i> ADHESION WEALTH ADVISOR SOLUTIONS, INC. & ATRIA INVESTMENTS, LLC
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program NETWORK
Name of <i>Sponsor</i> WELLS FARGO ADVISORS
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program OPPORTUNITY
Name of <i>Sponsor</i> STIFEL, NICOLAUS & COMPANY, INCORPORATED
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program OUTSIDE MANAGED PROGRAM (OMS)
Name of <i>Sponsor</i> RAYMOND JAMES AND ASSOCIATES
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program PREMIER PORTFOLIO SERVICES
Name of Sponsor

AMERIPRISE FINANCIAL SERVICES, INC.

Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
-
Sponsor's CRD Number (if any):
Name of Wrap Fee Program
SEI MANAGED ACCOUNT PROGRAM (MAP)
Name of Sponsor
SEI INVESTMENT MANAGEMENT CORPORATION
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program
SELECT UMA
Name of Sponsor
MORGAN STANLEY
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program
SELECTS PORTFOLIO SOLUTION
Name of Sponsor
BANK OF AMERICA MERRILL LYNCH
0
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program
STRATEGIC
Name of Sponsor
WELLS FARGO ADVISORS
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
-
Sponsor's CRD Number (if any):
Name of Wrap Fee Program

STRATEGIC WEATCH PORTFOLIO (SWP)
Name of <i>Sponsor</i> UBS FINANCIAL SERVICES, INC.
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program THIRD PARTY MODELS PROGRAM
Name of Sponsor ENVESTNET ASSET MANAGMENT
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program UNIFIED MANAGED ACCOUNT (UMA)
Name of Sponsor BANK OF AMERICA MERRILL LYNCH
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
Name of Wrap Fee Program UNIFIED OVERLAY MANAGEMENT PROGRAM
Name of Sponsor FDX ADVISORS, INC.
Sponsor's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-):
Sponsor's CRD Number (if any):
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.

Ass	et 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)	Sovereign Bonds	%	%
(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"

Ass	Asset Type					
(i)	Exchange-Traded Equity Securities	End of year 0 %				
(ii)	Non Exchange-Traded Equity Securities	0 %				
(iii)	U.S. Government/Agency Bonds	0 %				
(iv)	U.S. State and Local Bonds	0 %				
(v)	Sovereign Bonds	0 %				
(vi)	Investment Grade Corporate Bonds	66 %				
(vii)	Non-Investment Grade Corporate Bonds	30 %				
(viii) Derivatives	0 %				
(ix)	Securities Issued by Registered Investment Companies or Business Development Companies	0 %				
(x)	Securities Issued by Pooled Investment Vehicles (other than Registered Investment Companies or Business Development Companies)	0 %				
(xi)	Cash and Cash Equivalents	4 %				
(xii)	Other	0 %				

Generally describe any assets included in "Other"

SECTION 5.K.(2) Separately Managed Accounts - Use of Borrowings and Derivatives

✓ 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

Complete a separate Schedule D Section 5.K.(3) for each custodian that holds ten percent or more of your aggregate separately managed account regulatory assets under management.

- (a) Legal name of custodian:
 - BANK OF AMERICA MERRILL LYNCH
- b) Primary business name of custodian:
 - BANK OF AMERICA MERRILL LYNCH
- (c) The location(s) of the custodian's office(s) responsible for $\it custody$ of the assets :

	PENNINGTON	New Jersey	United States	
				Yes No
(d)	Is the custodian a <i>related person</i> of your	firm?		0.0
(e)	If the custodian is a broker-dealer, provid	e its SEC registration number (if any)		0 0
(0)	-	e its of registration number (if any)		
(f)	If the custodian is not a broker-dealer, or	is a broker-dealer but does not have an SEC regi	istration number, provide its legal entity identifier (if any)	
(g)	What amount of your regulatory assets u	inder management attributable to separately mana	aged accounts is held at the custodian?	
	\$ 1,300,000,000			
(a)	Legal name of custodian:			
	MORGAN STANLEY SMITH BARNEY			
(b)	Primary business name of custodian:			
(c)	MORGAN STANLEY SMITH BARNEY The location(s) of the custodian's office(s)	e) responsible for custody of the assets:		
(c)	City:	State:	Country:	
	PURCHASE	New York	United States	
				Yes No
(d)	Is the custodian a related person of your	firm?		0 0
(e)	If the custodian is a broker-dealer, provid	le its SEC registration number (if any)		0.0
(=)	-			
(f)	If the custodian is not a broker-dealer, or	is a broker-dealer but does not have an SEC regi	istration number, provide its legal entity identifier (if any)	
(g)	What amount of your regulatory assets u	under management attributable to separately man	aged accounts is held at the custodian?	
	\$ 970,000,000			
(a)	Legal name of custodian:			
	WELLS FARGO			
(b)	Primary business name of custodian:			
(c)	WELLS FARGO The location(s) of the custodian's office(s	c) responsible for custody of the assets :		
(0)	City:	State:	Country:	
	SAN FRANCISCO	California	United States	
				Yes No
(d)	Is the custodian a related person of your	firm?		0.0
(e)	If the custodian is a broker-dealer, provid	e its SEC registration number (if any)		0.0
(0)	-	one of the state o		
(f)	If the custodian is not a broker-dealer, or	is a broker-dealer but does not have an SEC regi-	istration number, provide its legal entity identifier (if any)	
(g)	What amount of your regulatory assets u	nder management attributable to separately mana	aged accounts is held at the custodian?	
	\$ 725,000,000			
(a)	Legal name of custodian:			
	UBS			
(b)	Primary business name of custodian:			
(a)	UBS) reaponable for quetadu of the goods .		
(c)	The location(s) of the custodian's office(s		Country	
	City: WEEHAWKEN	State: New Jersey	Country: United States	
				Yes No
(d)	Is the custodian a related person of your	firm?		
(e)	If the custodian is a broker-dealer, provid			0 0
(~)	-	o o construction multiper (ii ally)		
(f)	If the custodian is not a broker-dealer, or	is a broker-dealer but does not have an SEC regi	istration number, provide its legal entity identifier (if any)	

(g)	What amount of your regulatory assets under management attributable to separately managed accounts is held at the custodian? \$ 680,000,000		
Item 6	Other Business Activities		
	Item, we request information about your firm's other business activities.		
A. Yo	ou are actively engaged in business as a (check all that apply):		
	(2) registered representative of a broker-dealer		
	(a) real colors, color		
	(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):		
lf .	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		Yes	No ©
(2	If yes, is this other business your primary business? 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.	0	0
(3	Do you sell products or provide services other than investment advice to your advisory <i>clients</i> ?	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.		
SECTIO	DN 6.A. Names of Your Other Businesses		
	No Information Filed		
SECTIO	DN 6.B.(2) Description of Primary Business		
Descri	ibe your primary business (not your investment advisory business):		
If you	engage in that business under a different name, provide that name:		
	DN 6.B.(3) Description of Other Products and Services		
	ibe other products or services you sell to your <i>client</i> . You may omit products and services that you listed in Section 6.B.(2) above. engage in that business under a different name, provide that name:		
ii you (engage in that business under a uniferent hame, provide that hame.		
Item 7 i	Financial Industry Affiliations		
In this your <i>cli</i>	Item, we request information about your financial industry affiliations and activities. This information identifies areas in which conflicts of interest may occur between y ients.	ou and	
ре	his 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 are all of your advisory affiliates are lated person that is a (check all that apply):	tes and	any
P P			
	(3) registered municipal advisor (4) registered security-based swap dealer		
Ī	(6) commodity pool operator or commodity trading advisor (whether registered or exempt from registration)		

	 ✓ (8) banking or thrift institution ✓ (9) trust company 	
	✓ (9) trust company✓ (10) accountant or accounting firm	
	(11) lawyer or law firm	
	 ✓ (12) insurance company or agency ✓ (13) pension consultant 	
	✓ (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. 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 register 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 serve 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 to believe the your relationship with the related person otherwise creates a conflict of interest with your clients.	erson
	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 the 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.	than
SEC	TION 7.A. Financial Industry Affiliations	
Со	nplete a separate Schedule D Section 7.A. for each <i>related person</i> listed in Item 7.A.	
4	Legal Name of Related Person:	
١.	PRINCIPAL ADVISED SERVICES, LLC	
2.	Primary Business Name of <i>Related Person</i> : PRINCIPAL ADVISED SERVICES	
3.	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-) 801 - 114432	
	Or	
	Other	
4.	Related Person's (a) CRD Number (if any):	
	(a) <i>CRD</i> Number (if any): 297324	
	(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) utures commission merchant	
	(h) banking or thrift institution	
	(i) trust company	
	 (j) □ accountant or accounting firm (k) □ lawyer or law firm 	
	(I) 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	Voc N-
6.	Device a series lander and the Hadde of the series of the series of	Yes No
)	\circ

7.	Are you and the related person under common control?	\odot	0	1
8.	(a) Does the <i>related person</i> act as a qualified custodian for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ?	0	•	
	(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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	Ô	O	
	(c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> 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 <i>related person</i> is an investment adviser, is it exempt from registration?	0	•	J
	(b) If the answer is yes, under what exemption?			
10.	(a) Is the related person registered with a foreign financial regulatory authority?	0	•	,
	(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 <i>related person</i> share any <i>supervised persons</i> ?	0	•	
			٠	
12.	Do you and the <i>related person</i> share the same physical location?	0	•	J
1	Legal Name of Related Person:			_
	PRINCIPAL GLOBAL INVESTORS (EUROPE), LTD			
2.	Primary Business Name of Related Person:			
	PRINCIPAL GLOBAL INVESTORS (EUROPE), LTD			
3.	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)			
	or			
	Other 191120			
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			
	 (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) awyer or law firm			
	(I) ☐ 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?	0	· 140	
		-	_	
7.	Are you and the related person under common control?	•	0	
8.	(a) Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•	,
	(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	0	0	

		or securities that are maintained at the <i>related person</i> ?			
	(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:			
		ii tiilo dadi eso io a private residence, encek tiilo box.	Vac	. N	ا ما
			Yes	, IN	O
9.	(a)	If the <i>related person</i> is an investment adviser, is it exempt from registration?	⊙)
	(b)	If the answer is yes, under what exemption?			
		FOREIGN PRIVATE ADVISER			
10	. (a)	Is the related person registered with a foreign financial regulatory authority?	_	_	_
10			⊙	()
	(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			
		United Kingdom - Financial Conduct Authority			
	D			_	-
11	. Бо у	ou and the related person share any supervised persons?	0	G	9
12	. Do y	ou and the <i>related person</i> share the same physical location?	0	0	a
	_			*	3
				_	=
1.	Lega	al Name of Related Person:			
	ROB	BUSTWEALTH, INC.			
2.	Prim	nary Business Name of Related Person:			
		BUSTWEALTH, INC.			
	NOL	DOSTWEALTH, INC.			
3.		ated Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)			
	801	- 110528			
	or				
	Othe				
4.	Rola	ated Person's			
4.					
	(a)	CRD Number (if any):			
		269919			
	(b)	CIK Number(s) (if any):			
		No Information Filed			
_	Polo	ated Person is: (check all that apply)			
5.					
	()	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			
	(I)	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	s N	ю
6.	Dov	ou control or are you controlled by the related person?			
0.	Бо у	ou control of the you controlled by the foldied person:	0	(9
7.	Are y	you and the related person under common control?	•	(5
				~	
8.	(a)	Does the <i>related person</i> act as a qualified custodian for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ?	_	, i	ا
3.			0	(9
		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	0	(5
		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 <i>related person</i> ?			
	(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:			
H		on,. State. Southly. All THE Ustal Court.			

		If this address is a private residence, check this box:	.,	
9.	(a)	If the <i>related person</i> is an investment adviser, is it exempt from registration?	Yes	
	` ,	If the answer is yes, under what exemption?		•
	,			
10	. (a)	Is the related person registered with a foreign financial regulatory authority?	\circ	⊙
	(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 v	rou and the related person share any supervised persons?	0	•
	,			•
12	. Do y	ou and the related person share the same physical location?	0	•
1.	Lega	al Name of Related Person:		
	PRII	NCIPAL GLOBAL INVESTORS (HONG KONG) LIMITED		
2	Prim	nary Business Name of <i>Related Person</i> :		
		NCIPAL GLOBAL INVESTORS (HONG KONG) LIMITED		
3.		ated Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-) - 113253		
	or			
	Othe			
4.	Rela	ated Person's		
		CRD Number (if any):		I
	4.	296751		ı
	(b)	CIK Number(s) (if any): No Information Filed		
	5.			
5.		ated Person is: (check all that apply) broker-dealer, municipal securities dealer, or government securities broker or dealer		
	` '	other investment adviser (including financial planners)		
	(c)	registered municipal advisor		
	` '	registered security-based swap dealer		
	` '	major security-based swap participant commodity pool operator or commodity trading advisor (whether registered or exempt from registration)		
	` '	futures commission merchant		
	. ,	banking or thrift institution		
	(i) (j)	trust company accountant or accounting firm		
		lawyer or law firm		
	` '	insurance company or agency		
	(m)	<u> </u>		
	` '	real estate broker or dealer sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles		
	` '	sponsor, general partner, managing member (or equivalent) of pooled investment vehicles		
	_		Yes	No
6.	D o y	ou control or are you controlled by the related person?	0	⊙
_{7.}	Are	you and the <i>related person</i> under common <i>control</i> ?	•	0
	- ,		٠	
8.	(a)	Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•
	(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	\circ	0
		operationally independent (pursuant to rule 206(4)-2(d)(5)) from the <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?		
	(c)	If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person</i> 's office responsible for <i>custody</i> of your <i>clients'</i> 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 <i>related person</i> is an investment adviser, is it exempt from registration?	0	•
	(b)	If the answer is yes, under what exemption?		
10). (a)	Is the related person registered with a foreign financial regulatory authority?	_	
1110	. (a)	to the related person registered with a releigh inhalicial regulatory authority:	(4)	60

	(b)	If the answer is yes, list the name and country, in English of each <i>foreign financial regulatory authority</i> with which the <i>related person</i> is registered.		
		Name of Country/English Name of Foreign Financial Regulatory Authority Hong Kong - Securities and Futures Commission		
	_			
11.	Do y	ou and the <i>related person</i> share any <i>supervised persons</i> ?	0	⊙
12.	Do y	ou and the <i>related person</i> share the same physical location?	0	•
1.	•	al Name of <i>Related Person</i> : NCIPAL GLOBAL INVESTORS (SINGAPORE), LTD		
2.		ary Business Name of <i>Related Person</i> : NCIPAL GLOBAL INVESTORS (SINGAPORE), LTD		
3.	Rela	ted Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	or Othe CMS	or 5000035-7		
4.		cRD Number (if any):		
	(b)	CIK Number(s) (if any): No Information Filed		
	(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (n) (o) (p)	broker-dealer, municipal securities dealer, or government securities broker or dealer other investment adviser (including financial planners) registered municipal advisor registered security-based swap dealer major security-based swap participant commodity pool operator or commodity trading advisor (whether registered or exempt from registration) futures commission merchant banking or thrift institution trust company accountant or accounting firm lawyer or law firm insurance company or agency pension consultant real estate broker or dealer sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles sponsor, general partner, managing member (or equivalent) of pooled investment vehicles	Yes O	No ⊙
7.	Are	you and the related person under common control?	•	0
8.	(a)	Does the <i>related person</i> act as a qualified custodian for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ?	_	_
	` '	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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?		0
	(c)	If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> assets: Number and Street 1: Number 2:		
		City: State: Country: ZIP+4/Postal Code: If this address is a private residence, check this box:		
		ii tiilo dadrooo lo a privato residente, eneek tiilo box. L	Yes	No
9.	(a)	If the <i>related person</i> is an investment adviser, is it exempt from registration?	\odot	0
	(b)	If the answer is yes, under what exemption? FOREIGN PRIVATE ADVISER		
10.	(a)	Is the related person registered with a foreign financial regulatory authority?	•	0
	(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 Singapore - Monetary Authority of Singapore		
		ι οιπαρούο - Ινιοποίαι γ Λαιποίτιν οι οιπαρούο		

11.	Do you and the related person share any supervised persons?	0	⊙
12.	Do you and the <i>related person</i> share the same physical location?	0	•
1.	Legal Name of <i>Related Person</i> : PRINCIPAL GLOBAL INVESTORS TRUST COMPANY		
2.	Primary Business Name of Related Person: PRINCIPAL GLOBAL INVESTORS TRUST COMPANY		
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		
6.	Do you control or are you controlled by the related person? Are you and the related person under common control? (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	Yes O O	•••
	or securities that are maintained at the <i>related person</i> ? (c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> assets: Number and Street 1: City: State: Country: ZIP+4/Postal Code:		
	If this address is a private residence, check this box:	Yes	No
9.	(a) If the <i>related person</i> is an investment adviser, is it exempt from registration?(b) If the answer is yes, under what exemption?	0	
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 	0	•
11.	Do you and the related person share any supervised persons?	0	•
12.	Do you and the <i>related person</i> share the same physical location?	0	•

	Legal Name of <i>Related Person</i> : ORIGIN ASSET MANAGEMENT LLP		
	Primary Business Name of <i>Related Person</i> : ORIGIN ASSET MANAGEMENT LLP		
	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-) 801 - 67539		
	or Other		
4.	Related Person's		
	(a) <i>CRD</i> Number (if any): 139897		
	(b) CIK Number(s) (if any): No Information Filed		
	Related Person is: (check all that apply) (a)	Yes C	No ⊙
	Are you and the <i>related person</i> under common <i>control</i> ?	•	
3.	(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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?		0
	(c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> assets: Number and Street 1: Number 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.	•	0
	Name of Country/English Name of Foreign Financial Regulatory Authority		
	United Kingdom - Financial Conduct Authority		
11.	Do you and the related person share any supervised persons?	0	⊙
12.	Do you and the <i>related person</i> share the same physical location?	0	•
	Legal Name of <i>Related Person</i> : FINISTERRE MALTA LIMITED Primary Business Name of <i>Related Person</i> :		

	FINISTERRE MALTA LIMITED		
	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-) 801 - 79913		
	or Other		
	Related Person's (a) CRD Number (if any): 171113 (b) CIK Number(s) (if any): No Information Filed		
	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		; No
6.	Do you control or are you controlled by the related person?	0	•
7.	Are you and the related person under common control?	•	0
8.	(a) Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•
	(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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	0	0
	(c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> 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 <i>related person</i> is an investment adviser, is it exempt from registration?		No.
	(b) If the answer is yes, under what exemption?	O	•
10.	(a) Is the related person registered with a foreign financial regulatory authority?	•	0
	(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 Other - MALTA FINANCIAL SERVICES AUTHORITY		
11	Do you and the <i>related person</i> share any <i>supervised persons</i> ?	_	_
			•
12.	Do you and the <i>related person</i> share the same physical location?	0	•
	Legal Name of <i>Related Person</i> : PRINCIPAL NATIONAL LIFE INSURANCE COMPANY		
	Primary Business Name of <i>Related Person</i> : PRINCIPAL NATIONAL LIFE INSURANCE COMPANY		
3.	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	or		

C	Other		
	Related Person's a) CRD Number (if any):		
(b) CIK Number(s) (if any):		
(1	No Information Filed		
	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) registered municipal advisor registered security-based swap dealer major security-based swap participant commodity pool operator or commodity trading advisor (whether registered or exempt from registration) g) tutures commission merchant b) banking or thrift institution trust company accountant or accounting firm lawyer or law firm insurance company or agency pension consultant real estate broker or dealer sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles sponsor, general partner, managing member (or equivalent) of pooled investment vehicles		
		Yes	No
6. E	Do you control or are you controlled by the related person?	0	\odot
7. A	Are you and the related person under common control?	•	0
8. (a) Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•
(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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds	0	\circ
	or securities that are maintained at the <i>related person</i> ?		
(c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> 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: □	Vaa	Na
9. (a) If the <i>related person</i> is an investment adviser, is it exempt from registration?	Yes	
(b) If the answer is yes, under what exemption?		
40 (
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.	0	⊙
(1	No Information Filed		
11. [Do you and the <i>related person</i> share any <i>supervised persons</i> ?	0	\odot
12. [Oo you and the <i>related person</i> share the same physical location?	0	•
2. F	Legal Name of <i>Related Person</i> : PRINCIPAL GLOBAL INVESTORS (JAPAN), LTD Primary Business Name of <i>Related Person</i> : PRINCIPAL GLOBAL INVESTORS (JAPAN), LTD Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	Other 162		
·			
	Related Person's a) CRD Number (if any):		

		No Information Filed		
5.		ated Person is: (check all that apply)		
	()	broker-dealer, municipal securities dealer, or government securities broker or dealer		
	` '	other investment adviser (including financial planners) registered municipal advisor		
	` '	registered multicipal advisor registered security-based swap dealer		
	` ,	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		
	, ,	pension consultant		
		real estate broker or dealer		
	(o) (p)	sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles sponsor, general partner, managing member (or equivalent) of pooled investment vehicles		
	(P)	sponsor, general partner, managing member (or equivalent) or pooled investment venicles	Yes	N
6.	Do v	you control or are you controlled by the related person?	0	
	,		0	
7.	Are	you and the related person under common control?	•	,
		,	٠	
8.	(a)	Does the <i>related person</i> act as a qualified custodian for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ?	0	
		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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds	0	Ĺ
		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:	Voc	N
9	(a)	If the <i>related person</i> is an investment adviser, is it exempt from registration?	Yes	
٠.		If the answer is yes, under what exemption?	⊙	Ĺ
	(b)	FOREIGN PRIVATE ADVISER		
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		
		Japan - Financial Services Agency		
11.	Do y	ou and the related person share any supervised persons?	0	6
12.	Do y	ou and the related person share the same physical location?	0	6
				=
4	ا م	al Name of Deleted Devices:		
1.	_	al Name of <i>Related Person</i> : EWARE CHARTER GUARANTEE & TRUST COMPANY		
	DLL	LWARE CHARTER COARANTEE & TROOT COMPART		
2.	Prim	nary Business Name of Related Person:		
		EWARE CHARTER GUARANTEE & TRUST COMPANY		
3.	Rela	ated Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	-			
	or			
	Othe			
⊿	Rola	ated Person's		
→.	(a)	CRD Number (if any):		
	(α)			
	(b)	CIK Number(s) (if any):		
		No Information Filed		

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

5.	Related Person is: (check all that apply)		
	(a) Droker-dealer, municipal securities dealer, or government securities broker or dealer		
	(b) under investment adviser (including financial planners)		
	(c) registered municipal advisor		
	(d) registered security-based swap dealer		
	(e) Imajor security-based swap participant		
	(f) Commodity pool operator or commodity trading advisor (whether registered or exempt from registration)		
	(g) futures commission merchant		
	(h) anking or thrift institution		
	(i) 🔽 trust company		
	(j) accountant or accounting firm		
	(k) awyer or law firm		
	(I) 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?	0	•
			•
7	Are you and the related person under common control?	_	_
١.	Are you and the related person dides common controls	⊙	О
8.	(a) Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	\circ	\odot
	(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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	0	0
	(c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> 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?	0	0
	(b) If the answer is yes, under what exemption?		
	(b) It the dilevel to you, and of what exemption.		
10	. (a) Is the related person registered with a foreign financial regulatory authority?	_	_
10.		0	•
	(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 <i>related person</i> share any <i>supervised persons</i> ?	_	_
11.	. Do you and the related person share any supervised persons:	0	⊚
10	Do you and the related nerson share the same physical legation?		
12.	. Do you and the <i>related person</i> share the same physical location?	0	⊙
1	Legal Name of Related Person:		
١.	PRINCIPAL LIFE INSURANCE COMPANY		
	TANCH ALLIE INCOMMEDICATION AND		
2.	Primary Business Name of Related Person:		
	PRINCIPAL LIFE INSURANCE COMPANY		
3.			
	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-) or Other		
	- or		
4.	- or		
4.	or Other		
4.	or Other Related Person's		
4.	or Other Related Person's		
4.	or Other Related Person's (a) CRD Number (if any):		
4.	or Other Related Person's (a) CRD Number (if any): (b) CIK Number(s) (if any):		
4.	or Other Related Person's (a) CRD Number (if any): (b) CIK Number(s) (if any):		
4 .	or Other Related Person's (a) CRD Number (if any): (b) CIK Number(s) (if any):		
	or Other Related Person's (a) CRD Number (if any): (b) CIK Number(s) (if any): No Information Filed		
	or Other Related Person's (a) CRD Number (if any): (b) CIK Number(s) (if any): No Information Filed		
	or Other Related Person's (a) CRD Number (if any): (b) CIK Number(s) (if any): No Information Filed Related Person is: (check all that apply) (a) Department securities broker or dealer		
	or Other Related Person's (a) CRD Number (if any): (b) CIK Number(s) (if any): No Information Filed 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)		

	(f) Commodity pool operator or commodity trading advisor (whether registered or exempt from registration)		
	(g) futures commission merchant		
	(h) banking or thrift institution		
	(i) Tust company		
	(j) accountant or accounting firm		
	(k) awyer or law firm		
	(I) 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	s No
6.	Do you control or are you controlled by the related person?	0	•
7.	Are you and the related person under common control?	•	0
8.	(a) Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•
	(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		0
	operationally independent (pursuant to rule 206(4)-2(d)(5)) from the <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> fur or securities that are maintained at the <i>related person</i> ?		
	(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	s No
9.	(a) If the related person is an investment adviser, is it exempt from registration?	0	0
	(b) If the answer is yes, under what exemption?		
10.	. (a) Is the related person registered with a foreign financial regulatory authority?	0	•
	(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?	0	\odot
12.	. Do you and the <i>related person</i> share the same physical location?	0	\odot
1.	Legal Name of Related Person:		
	PRINCIPAL GLOBAL INVESTORS (AUSTRALIA), LTD		
2	Drimary Business Name of Bolated Paragra		
2.	Primary Business Name of <i>Related Person</i> : PRINCIPAL GLOBAL INVESTORS (AUSTRALIA), LTD		
	TAITOIL AL GLOBAL IIV LOTTO (AGOTTO LEAV), LIB		
3.	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	-		
	or		
	Other		
	225385		
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) D broker-dealer, municipal securities dealer, or government securities broker or dealer		
	(b) other investment adviser (including financial planners)		
	(c) \square 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) utures commission merchant		
	(h) banking or thrift institution		
	(i)		
	(j) accountant or accounting firm		

	(k)	lawyer or law firm		
	(I)	insurance company or agency		
	(m)			
	(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	V	
6.	Dox	you control or are you controlled by the related person?		No
0.	D0)	you control are you controlled by the related person:	0	⊙
7	Δro	you and the related person under common control?	_	_
	7110	you and the related person ander comment control.	⊙	0
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	0	•
	(5)	operationally independent (pursuant to rule 206(4)-2(d)(5)) from the <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	0	0
	(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:	Voc	No
9.	(a)	If the related person is an investment adviser, is it exempt from registration?		
		If the answer is yes, under what exemption?	⊙	0
	(b)	FOREIGN PRIVATE ADVISER		
10.	(a)	Is the related person registered with a foreign financial regulatory authority?	•	0
	(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		
		Australia - Australian Securities and Investments Commission		
11.	Doy	you and the related person share any supervised persons?	0	\odot
12.	Doy	you and the <i>related person</i> share the same physical location?	0	⊙
1.	Leg	al Name of Related Person:		
	CIM	IB PRINCIPAL ISLAMIC ASSET MANAGEMENT SDN BH		
2.		mary Business Name of <i>Related Person</i> :		
	CIIVI	IB PRINCIPAL ISLAMIC ASSET MANAGEMENT SDN BH		
3.	Rela	ated Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	-			
	or			
	Othe	er er		
4	D. 1	ated Derechia		
4.		ated Person's CRD Number (if any):		
	(a)	one radiiled til driy).		
	(b)	CIK Number(s) (if any):		
		No Information Filed		
				1
5.	Dal-	ated Person is: (check all that apply)		
3.	(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) (h)	futures commission merchant banking or thrift institution		
	(h) (i)	trust company		
	(i) (j)	accountant or accounting firm		
	(k)	□ lawyer or law firm		
	(I)	insurance company or agency		
	(m)			
	(n)			

	(o) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles		
	(p)		
•		Yes	No
6.	Do you control or are you controlled by the related person?	0	⊙
7.	Are you and the related person under common control?	•	0
8.	(a) Does the <i>related person</i> act as a qualified custodian for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ?	_	•
	(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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	0	0
	(c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> assets: Number and Street 1: Number 2:		
	City: State: Country: ZIP+4/Postal Code:		
	If this address is a private residence, check this box:		
•			No
9.	(a) If the <i>related person</i> is an investment adviser, is it exempt from registration?	⊙	\circ
	(b) If the answer is yes, under what exemption? FOREIGN PRIVATE ADVISER		
	TOKEIGHT KIVATE ADVIOLIK		
10.	(a) Is the related person registered with a foreign financial regulatory authority?	•	0
	(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		
	Malaysia - Securities Commission		
11.	Do you and the related person share any supervised persons?	0	\odot
4.0			
12.	Do you and the <i>related person</i> share the same physical location?	\circ	⊙
	Legal Name of Related Person: FINISTERRE CAPITAL LLP		
	Primary Business Name of <i>Related Person</i> : FINISTERRE CAPITAL LLP		
3.	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
	801 - 76937		
	or		
	Other		
4.	Related Person's		
ч.	(a) CRD Number (if any):		
	162101		
	(b) CIK Number(s) (if any):		
	No Information Filed		
5.	Related Person is: (check all that apply)		
	(a) Droker-dealer, municipal securities dealer, or government securities broker or dealer		
	(b) vother 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) utures commission merchant		
	(h)		
	(i) trust company		
	(j) accountant or accounting firm		
	(k) lawyer or law firm (l) insurance company or agency		
	(ii) 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		
^			No
6.	Do you control or are you controlled by the related person?	0	•

7.	Are y	rou and the related person under common control?	•	0	
8.	(a)	Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•	
		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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	Õ	o	
		If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> assets: Number and Street 1: Number 2:			
		City: State: Country: ZIP+4/Postal Code: If this address is a private residence, check this box:			
			Yes	No	
9.		If the <i>related person</i> is an investment adviser, is it exempt from registration? If the answer is yes, under what exemption?	0	•	
10.		Is the related person registered with a foreign financial regulatory authority? 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.	•	0	
		Name of Country/English Name of Foreign Financial Regulatory Authority			
		United Kingdom - Financial Conduct Authority			
11.	Do yo	ou and the related person share any supervised persons?	0	•	
12.	Do yo	ou and the <i>related person</i> share the same physical location?	0	•	
1.	_	Il Name of Related Person:			
	PRIN	ICIPAL FUNDS DISTRIBUTOR, INC.			
2.		ary Business Name of <i>Related Person</i> : ICIPAL FUNDS DISTRIBUTOR, INC.			
3.		ted Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)			
	8 - 50200 or				
	Othe				
4.	(a)	ted Person's CRD Number (if any): 43261			
		CIK Number(s) (if any):			
		No Information Filed			
5.	Rela	ted Person is: (check all that apply)			
	(-)	broker-dealer, municipal securities dealer, or government securities broker or dealer			
	(b)	 other investment adviser (including financial planners) registered municipal advisor 			
	(d)	registered security-based swap dealer			
	(e)	major security-based swap participant			
	(t) (g)	 commodity pool operator or commodity trading advisor (whether registered or exempt from registration) futures commission merchant 			
	(h)	banking or thrift institution			
	(i)	trust company			
	(j)	 accountant or accounting firm lawyer or law firm 			
	(k) (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 yo	ou control or are you controlled by the related person?		•	
7.	Are y	ou and the related person under common control?	•	0	
8.	(a)	Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•	

		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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> for securities that are maintained at the <i>related person</i> ?		0	0
		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:			
	(0)	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:			
			Ye	es	No
9.	(a)	If the related person is an investment adviser, is it exempt from registration?	(0	0
	(b)	If the answer is yes, under what exemption?			
	()				
10.	(a)	Is the related person registered with a foreign financial regulatory authority?		0	•
	(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 y	you and the related person share any supervised persons?		0	•
					٠
12.	Do v	you and the <i>related person</i> share the same physical location?	,	0	~
	- ,	,			٠
1.	Lega	gal Name of Related Person:			
	_	INCIPAL ENTERPRISE CAPITAL, LLC			
2.	Prim	mary Business Name of Related Person:			
	PRIN	INCIPAL ENTERPRISE CAPITAL, LLC			
3.		ated Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)			
	801	- 73645			
	or				
	Othe	er e			
4.		lated Person's			
		CRD Number (if any): 157574			
		CIK Number(s) (if any):			
	(b)	No Information Filed			
5.	Rela	lated 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			
	(I)	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			
			Ye	es	No
6.	Do y	you control or are you controlled by the related person?	(0	•
7.	Are y	you and the related person under common control?	6	•	0
	-				
8.	(a)	Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	,	_	6
		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			⊙ ≎
	٠,,	operationally independent (pursuant to rule 206(4)-2(d)(5)) from the <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients</i> fu			О
		or securities that are maintained at the related person?			
		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: L	V	
g	. (a)	If the <i>related person</i> is an investment adviser, is it exempt from registration?	Yes	
	, ,	If the answer is yes, under what exemption?	0	•
	()			
1	0. (a)	Is the related person registered with a foreign financial regulatory authority?	\circ	\odot
	(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		
1	1. Do y	you and the related person share any supervised persons?	0	•
	,			٠
1	2. Do y	you and the related person share the same physical location?	0	•
L				
1	_	al Name of Related Person:		
	PRII	NCIPAL GLOBAL INVESTORS, LLC		
2	. Prim	nary Business Name of Related Person:		
	PRII	NCIPAL GLOBAL INVESTORS		
3	. Rela	ated Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
		- 55959		
	or Othe	er		
4		CRD Number (if anyl):		
	(a)	CRD Number (if any): 109002		
	(b)	CIK Number(s) (if any):		
		No Information Filed		
5		ated Person is: (check all that apply)		
	` '	 □ broker-dealer, municipal securities dealer, or government securities broker or dealer ☑ other investment adviser (including financial planners) 		
	` '	registered municipal advisor		
	` ,	registered security-based swap dealer		
	(e) (f)	 □ major security-based swap participant ☑ commodity pool operator or commodity trading advisor (whether registered or exempt from registration) 		
	` ,	futures commission merchant		
	(h)	banking or thrift institution		
	(i) (j)	trust company accountant or accounting firm		
	(k)	□ lawyer or law firm		
	(I)	insurance company or agency		
	(m) (n)	pension consultant real estate broker or dealer		
	` ,	sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles		
	(p)	sponsor, general partner, managing member (or equivalent) of pooled investment vehicles	V	
6	. Dov	you control or are you controlled by the related person?	Yes	_
	-)		۳	0
7	. Are	you and the related person under common control?	•	0
	(0)	Does the <i>related person</i> act as a qualified custodian for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ?	_	
	(a) (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		0
	(5)	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	0	0
	(c)	or securities that are maintained at the <i>related person</i> ? If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> 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:		
		ii uno address is a private residence, check uns 50%. L	Yes	No
9	. (a)	If the <i>related person</i> is an investment adviser, is it exempt from registration?	0	•
	(b)	If the answer is yes, under what exemption?		
1	0. (a)	Is the related person registered with a foreign financial regulatory authority?	_	6

	(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?	0	•
12.	Do you and the <i>related person</i> share the same physical location?	0	•
1.	Legal Name of <i>Related Person</i> : PRINCIPAL ASSET MANAGEMENT COMPANY (ASIA) LIMITED		
2.	Primary Business Name of <i>Related Person</i> : PRINCIPAL ASSET MANAGEMENT COMPANY (ASIA) LIMITED		
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		
6.	Do you control or are you controlled by the related person?		•
7.	Are you and the related person under common control?	•	0
8.	 (a) Does the <i>related person</i> act as a qualified custodian for your <i>clients</i> in connection with advisory services you provide to <i>clients</i>? (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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients</i>' funds or securities that are maintained at the <i>related person</i>? (c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person</i>'s office responsible for <i>custody</i> of your <i>clients</i>' assets: Number and Street 1: 	0	0
	City: State: Country: ZIP+4/Postal Code: If this address is a private residence, check this box:	Vaa	N ₀
9.	(a) If the <i>related person</i> is an investment adviser, is it exempt from registration?	Yes ©	0
	(b) If the answer is yes, under what exemption? FOREIGN PRIVATE ADVISOR		
10.	(a) Is the related person registered with a foreign financial regulatory authority?	•	0
	(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 Hong Kong - Securities and Futures Commission		
11.	Do you and the <i>related person</i> share any <i>supervised persons</i> ?	_	•

12.	Do you and the <i>related person</i> share the same physical location?	0	•
1.	Legal Name of <i>Related Person</i> : PRINCIPAL FINANCIAL ADVISORS, INC.		
2.	Primary Business Name of <i>Related Person</i> : PRINCIPAL FINANCIAL ADVISORS, INC.		
3.	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-) 801 - 30958		
	or Other		
4.	Related Person's (a) CRD Number (if any):		
	105594 (b) CIK Number(s) (if any):		
	No Information Filed		
5.	Related Person is: (check all that apply) (a)	Yes	No
6.	Do you control or are you controlled by the related person?		NO ⊙
7.	Are you and the related person under common control?	•	0
8.	(a) Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•
	(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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	0	0
	(c) If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> 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?	0	•
	(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 	0	•
11.	Do you and the related person share any supervised persons?	•	0
12.	Do you and the <i>related person</i> share the same physical location?	0	•
1.	Legal Name of Related Person:		

	PRIN	NCIPAL SECURITIES, INC.					
2.		Primary Business Name of <i>Related Person</i> : PRINCIPAL SECURITIES, INC.					
3.	Related Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-) 801 - 54949 or						
4.	Othe	r					
4.	(a)	ated Person's CRD Number (if any): 1137 CIK Number(s) (if any): No Information Filed					
5.	(a) (b) (c) (d) (e) (f) (g) (h) (i)	broker-dealer, municipal securities dealer, or government securities broker or dealer other investment adviser (including financial planners) registered municipal advisor registered security-based swap dealer major security-based swap participant commodity pool operator or commodity trading advisor (whether registered or exempt from registration) futures commission merchant banking or thrift institution trust company accountant or accounting firm					
	(k)	□ lawyer or law firm □ insurance company or agency					
	()	pension consultant real estate broker or dealer					
6.	Do y	Do you control or are you controlled by the related person?					
7.	Are y	you and the related person under common control?	•	c			
0	(-)						
8.		Does the <i>related person</i> act as a qualified custodian for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ? 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	0				
		operationally independent (pursuant to rule 206(4)-2(d)(5)) from the <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	0	C			
	(c)	If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> 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	N			
9.	(a)	If the related person is an investment adviser, is it exempt from registration?	0				
	(b)	If the answer is yes, under what exemption?					
10	(0)	In the related nersen registered with a fareign financial regulatory outbority?					
10.		Is the related person registered with a foreign financial regulatory authority? 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	0	•			
11.	Do y	you and the related person share any supervised persons?	0	G			
12.	Do y	you and the <i>related person</i> share the same physical location?	0	6			
1.	_	al Name of <i>Related Person</i> : NCIPAL GLOBAL INVESTORS (IRELAND) LTD					
2.		nary Business Name of <i>Related Person</i> : NCIPAL GLOBAL INVESTORS (IRELAND) LTD					
2	Dolo	atad Parcania SEC File Number (if any) (a.g. 901 - 9. 966 - 902.)					

	or Othe	er		
4.	Rela (a)	lated Person's CRD Number (if any):		
	(b)	CIK Number(s) (if any):		
		No Information Filed		
5.	(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k)	lated Person is: (check all that apply) broker-dealer, municipal securities dealer, or government securities broker or dealer other investment adviser (including financial planners) registered municipal advisor registered security-based swap dealer major security-based swap participant commodity pool operator or commodity trading advisor (whether registered or exempt from registration) futures commission merchant banking or thrift institution trust company accountant or accounting firm lawyer or law firm insurance company or agency pension consultant		
	(m) (n)	real estate broker or dealer		
	(o) (p)	 sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles sponsor, general partner, managing member (or equivalent) of pooled investment vehicles 		
			Yes	No
6.	Do y	you control or are you controlled by the related person?	0	•
7.	Are	you and the related person under common control?	•	0
8.	(a)	Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•
		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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?	0	0
	(c)	If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> assets: Number and Street 1: City: State: Country: ZIP+4/Postal Code: If this address is a private residence, check this box:		
	, ,		Yes	No
9.	(a) (b)	If the <i>related person</i> is an investment adviser, is it exempt from registration? If the answer is yes, under what exemption?	•	0
	(~)	FOREIGN PRIVATE ADVISER		
10.	(a)	Is the related person registered with a foreign financial regulatory authority?	•	0
	(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 Ireland - Central Bank of Ireland		
11.	Do y	you and the related person share any supervised persons?	0	•
12.	Do y	you and the <i>related person</i> share the same physical location?	0	•
	POS Prin	gal Name of <i>Related Person</i> : ST ADVISORY GROUP, LLC mary Business Name of <i>Related Person</i> : ST ADVISORY GROUP, LLC		
3.	801 or	ated Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-) - 57939		
	Othe	er er		

4.	Rela	ated Person's		
	(a) CRD Number (if any):			
108860				
	(b)	CIK Number(s) (if any):		
		No Information Filed		
5.	Rela	ated 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)		
	(ı) (g)	futures commission merchant		
	,	banking or thrift institution		
	(h)			
	(i)			
	(j)	accountant or accounting firm		
	(k)	lawyer or law firm		
	(I)	insurance company or agency		
	(m)			
	(n)			
	(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	N
6.	Doy	you control or are you controlled by the related person?	0	G
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?	0	,
	(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 <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds	\circ	C
		or securities that are maintained at the <i>related person</i> ?		
	(a)			
	(c)	If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> 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	. NI
	(0)	If the valeted person is an investment advisor is it exempt from registration?		
9.	(a)	If the related person is an investment adviser, is it exempt from registration?	\circ	•
	(b)	If the answer is yes, under what exemption?		
10.	(a)	Is the related person registered with a foreign financial regulatory authority?	\circ	0
	(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?	0	6
12.	Do	you and the <i>related person</i> share the same physical location?	0	G
				_
1.	Leg	al Name of Related Person:		
	PRI	NCIPAL REAL ESTATE INVESTORS LLC		
2.	Prin	mary Business Name of <i>Related Person</i> :		
	PRI	NCIPAL REAL ESTATE INVESTORS LLC		
3.	Rela	lated Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)		
		- 55618		
	or			
	Oth	er		
4.	Rela	ated Person's		
	(a)	CRD Number (if any):		
		109008		
	(b)	CIK Number(s) (if any):		
		No Information Filed		

5.	Rela	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) 								
	(b)	, -							
	(c)		registered municipal advisor						
(d) registered security-based swap dealer									
			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) (i)		trust company accountant or accounting firm						
	(J) (k)		lawyer or law firm						
	(N) (I)		insurance company or agency						
	(m)		pension consultant						
	` '		real estate broker or dealer						
	(o)		sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles						
	(p)	V	sponsor, general partner, managing member (or equivalent) of pooled investment vehicles						
	u ,			Yes	No				
6.	Do y	you c	control or are you controlled by the related person?	0	•				
7.	Are	you a	and the related person under common control?	•	0				
		•							
8.	(a)	Doe	es the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	_	•				
-	(b)		ou 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						
	(D)	_	erationally 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	О	0				
			securities that are maintained at the <i>related person</i> ?						
	(c)	If yo	bu have answered "yes" to question 8.(a) above, provide the location of the related person's office responsible for custody of your clients' assets:						
	. ,	-	mber and Street 1: Number and Street 2:						
		City	y: State: Country: ZIP+4/Postal Code:						
		If th	nis address is a private residence, check this box:						
				Yes	No				
9.	(a)	If th	e related person is an investment adviser, is it exempt from registration?	\circ	\odot				
	(b)	If th	ne answer is yes, under what exemption?						
10.	(a)	Is th	ne related person registered with a foreign financial regulatory authority?	0	\odot				
	(b)	If th	e 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 y	you a	and the related person share any supervised persons?	0	\odot				
12.	Do y	you a	and the <i>related person</i> share the same physical location?	\circ	\odot				
1	Log	ol Na	ome at Palatad Paragr						
1.	_		ame of <i>Related Person</i> : BUS CIRCLE INVESTORS						
	001	LOIVIL	SOO SINGLE INVESTIGATION						
2.	Prin	narv	Business Name of Related Person:						
		-	BUS CIRCLE INVESTORS						
3.	Rela	ated	Person's SEC File Number (if any) (e.g., 801-, 8-, 866-, 802-)						
	801	- 47	516						
	or								
	Othe	er							
4.			Person's						
	(a)		D Number (if any):						
	/L \		878 (Number(a) (if anyl):						
	(b)	CIK	Number(s) (if any): No Information Filed						
			No illionnation i lied						
5.	Rela	ated	Person is: (check all that apply)						
			broker-dealer, municipal securities dealer, or government securities broker or dealer						
	(b)	V	other investment adviser (including financial planners)						
	(c)		registered municipal advisor						
			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		
	(i)	accountant or accounting firm		
	(k)	lawyer or law firm		
	(1)	insurance company or agency		
	(m)			
	(n)	real estate broker or dealer		
		sponsor or syndicator of limited partnerships (or equivalent), excluding pooled investment vehicles		
	(o)	sponsor, general partner, managing member (or equivalent) of pooled investment vehicles		
	(p)	sponsor, general partner, managing member (or equivalent) or pooled investment vehicles	Vaa	Na
	_		Yes	NO
6.	D0)	you control or are you controlled by the related person?	\circ	⊙
7.	Are	you and the related person under common control?	\odot	\circ
8.	(a)	Does the related person act as a qualified custodian for your clients in connection with advisory services you provide to clients?	0	•
	(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	0	0
	` ,	operationally independent (pursuant to rule 206(4)-2(d)(5)) from the <i>related person</i> and thus are not required to obtain a surprise examination for your <i>clients'</i> funds or securities that are maintained at the <i>related person</i> ?		
	(c)	If you have answered "yes" to question 8.(a) above, provide the location of the <i>related person's</i> office responsible for <i>custody</i> of your <i>clients'</i> assets:		
	(0)	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:		
		II tillo dadroco lo a privato recidente, ericen tillo sex.	Yes	No
9.	(a)	If the related person is an investment adviser, is it exempt from registration?		
0.			0	⊙
	(b)	If the answer is yes, under what exemption?		
40	(-)	le the veleted never printered with a ferring financial very letery, authority of		
10.		Is the related person registered with a foreign financial regulatory authority?	\circ	⊙
	(b)			
		No Information Filed		
11.	Do y	you and the related person share any supervised persons?	\circ	\odot
12.	Do y	you and the related person share the same physical location?	\circ	⊙
iten	1 / PI	Private Fund Reporting		
			Yes	No
R	Δre v	you an adviser to any <i>private fund</i> ?	_	_
D .	, ac y	od dir davisor to driy private rand:	⊙	О
	Instru advis	es," 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 suction 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-reserved 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 subsection 7.B.(1) of Schedule D with respect to that private fund. You must, instead, complete Section 7.B.(2) of Schedule D.	regist	
		ther 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 simila gnation, 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		e.
SEC	TION	N 7.B.(1) <i>Private Fund</i> Reporting		
		No Information Filed		
		No Information Filed		
SEC	CTION	No Information Filed N 7.B.(2) Private Fund Reporting		
		N 7.B.(2) <i>Private Fund</i> Reporting		
	Na	N 7.B.(2) Private Fund Reporting ame of the private fund:		
	Na	N 7.B.(2) <i>Private Fund</i> Reporting		
1.	Na PR	N 7.B.(2) Private Fund Reporting ame of the private fund: RINCIPAL GLOBAL INVESTORS TRUST SPECTRUM PREFERRED SECURITIES FUND		
1.	Na PR	N 7.B.(2) Private Fund Reporting ame of the private fund: RINCIPAL GLOBAL INVESTORS TRUST SPECTRUM PREFERRED SECURITIES FUND rivate fund identification number:		
1.	Na PR <i>Pri</i> (ind	N 7.B.(2) Private Fund Reporting ame of the private fund: RINCIPAL GLOBAL INVESTORS TRUST SPECTRUM PREFERRED SECURITIES FUND		

3.	3. Name and SEC File number of adviser that provides information about this <i>private fund</i> in Section 7.B.(1) of Schedule D of its Form ADV filing							
	Na	me:						
		INCIPAL GLOBAL INVESTORS						
		C File Number: 1 - 55959						
	60	1 - 22929	Yes	Nc				
4.	Are	your <i>clients</i> solicited to invest in this <i>private fund</i> ?	0					
	fun	answering this question, disregard feeder funds' investment in a master fund. For purposes of this question, in a master-feeder arrangement, one or more funds ("feeds") 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 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.	eder					
tem	8 Pa	articipation or Interest in <i>Client</i> Transactions						
	veen	em, we request information about your participation and interest in your <i>clients</i> ' transactions. This information identifies additional areas in which conflicts of interest r you and your <i>client</i> s. Newly-formed advisers should base responses to these questions on the types of participation and interest that you expect to engage in during						
Like	Item	7, Item 8 requires you to provide information about you and your related persons, including foreign affiliates.						
Pro	priet	tary Interest in <i>Client</i> Transactions						
A.	Do	you or any related person:	Yes	N				
	(1)	buy securities for yourself from advisory <i>clients</i> , or sell securities you own to advisory <i>clients</i> (principal transactions)?	\odot	(
	(2)	buy or sell for yourself securities (other than shares of mutual funds) that you also recommend to advisory clients?	\odot	(
	(3)	recommend securities (or other investment products) to advisory <i>clients</i> in which you or any <i>related person</i> has some other proprietary (ownership) interest (other than those mentioned in Items 8.A.(1) or (2))?	•	C				
Sal	es In	terest in <i>Client</i> Transactions						
B.	-	you or any related person:	Yes	N				
		as a broker-dealer or registered representative of a broker-dealer, execute securities trades for brokerage customers in which advisory <i>client</i> securities are sold to or bought from the brokerage customer (agency cross transactions)?	•	(
	(2)	recommend to advisory <i>clients</i> , or act as a purchaser representative for advisory <i>clients</i> with respect to, the purchase of securities for which you or any <i>related</i> person serves as underwriter or general or managing partner?	0	9				
	(3)	recommend purchase or sale of securities to advisory <i>clients</i> for which you or any <i>related person</i> has any other sales interest (other than the receipt of sales commissions as a broker or registered representative of a broker-dealer)?	•	(
Inv	estm	ent or Brokerage Discretion						
C.	Doy	you or any related person have discretionary authority to determine the:	Yes	N				
	(1)	securities to be bought or sold for a <i>client's</i> account?	•	C				
	(2)	amount of securities to be bought or sold for a <i>client's</i> account?	•	C				
	(3)	broker or dealer to be used for a purchase or sale of securities for a client's account?	•	C				
	(4)	commission rates to be paid to a broker or dealer for a <i>client's</i> securities transactions?	•	(
D.	If yo	ou answer "yes" to C.(3) above, are any of the brokers or dealers related persons?	•	(
E.	Doy	you or any related person recommend brokers or dealers to clients?	•	C				
F.	If yo	ou answer "yes" to E. above, are any of the brokers or dealers <i>related persons</i> ?	•	C				
G.	(1)	Do you or any <i>related person</i> receive research or other products or services other than execution from a broker-dealer or a third party ("soft dollar benefits") in connection with <i>client</i> securities transactions?	•	C				
	(2)	If "yes" to G.(1) above, are all the "soft dollar benefits" you or any <i>related persons</i> receive eligible "research or brokerage services" under section 28(e) of the Securities Exchange Act of 1934?	•	(
Н.	(1)	Do you or any related person, directly or indirectly, compensate any person that is not an employee for client referrals?	•	c				
	(2)	Do you or any <i>related person</i> , directly or indirectly, provide any <i>employee</i> compensation that is specifically related to obtaining <i>clients</i> for the firm (cash or non-cash compensation in addition to the <i>employee's</i> regular salary)?	•	C				
l.	_	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 errals?	•	C				
	In y	our response to Item 8.I., do not include the regular salary you pay to an employee.						
		esponding 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 to the secondary of th	verinç)				

Iten	9 Cu	ustody			
		em, we ask you whether you or a related person has custody of cland about your custodial practices.	ient (other than clients that are investment companies registered under the Investment Company Act of 1	940)	
A.	(1)	Do you have <i>custody</i> of any advisory <i>clients</i> ':	Yes	s No	o
		(a) cash or bank accounts?	0	•	j
		(b) securities?	0	•)
	clier		9.A.(1)(a) and (b) if you have custody solely because (i) you deduct your advisory fees directly from your in connection with advisory services you provide to clients, but you have overcome the presumption that y (4)-2(d)(5)) from the related person.		
	(2)	If you checked "yes" to Item 9.A.(1)(a) or (b), what is the approximation of the control of the	nate amount of client funds and securities and total number of clients for which you have custody:		
		U.S. Dollar Amount Total Numl	per of Clients		
		(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 <i>clients</i> , do an	y of your related persons have custody of any of your advisory clients':	s No	5
		(a) cash or bank accounts?	0	•	ð
		(b) securities?	0	•	þ
	You	u are required to answer this item regardless of how you answered	I Item 9.A.(1)(a) or (b).		
	(2)	If you checked "yes" to Item 9.B.(1)(a) or (b), what is the approximate custody:	mate amount of <i>client</i> funds and securities and total number of <i>clients</i> for which your <i>related persons</i> have	Э	
		U.S. Dollar Amount Total Numl	per of Clients		
		(a) \$ (b)			
C.	If yo	ou or your <i>related persons</i> have <i>custody</i> of <i>client</i> funds or securitie	s in connection with advisory services you provide to <i>clients</i> , check all the following that apply:		
	(1)	A qualified custodian(s) sends account statements at least quar	terly to the investors in the pooled investment vehicle(s) you manage.		
	(2)	An <i>independent public accountant</i> audits annually the pooled in investors in the pools.	vestment vehicle(s) that you manage and the audited financial statements are distributed to the		
	(3)	An independent public accountant conducts an annual surprise			
	(4)	An <i>independent public accountant</i> prepares an internal control r for <i>client</i> funds and securities.	eport with respect to custodial services when you or your <i>related persons</i> are qualified custodians		
	repo		edule D the accountants that are engaged to perform the audit or examination or prepare an internal contr formation in Section 9.C. of Schedule D if you already provided this information with respect to the private		
D.	Do y	you or your related person(s) act as qualified custodians for your	clients in connection with advisory services you provide to clients?	s No	o
	(1)	you act as a qualified custodian	o	•	þ
	(2)	your related person(s) act as qualified custodian(s)	0	•	5
	-		ualified custodians (other than any mutual fund transfer agent pursuant to rule 206(4)-2(b)(1)) must be ave determined the related person to be operationally independent under rule 206(4)-2 of the Advisers Ad	ct.	
E.	-	ou are filing your annual updating amendment and you were subject (MM/YYYY) the examination commenced:	ect to a surprise examination by an independent public accountant during your last fiscal year, provide the	Э	
F.	-	ou or your related persons have custody of client funds or securitie your clients in connection with advisory services you provide to clients.	s, how many <i>persons</i> , including, but not limited to, you and your <i>related persons,</i> act as qualified custodicents?	ans	
					_

Iten	10 Control Persons						
	In this Item, we ask you to identify every <i>person</i> that, directly or indirectly, <i>controls</i> you. If you are filing an <i>umbrella registration</i> , the information in Item 10 should be provided for the <i>filing adviser</i> 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 office 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) you filed with your initial application or report, you must complete Schedule C.							
A.	Does any <i>person</i> not named in Item 1.A. or Schedules A, B, or C, directly or indirectly, <i>control</i> your management or policies?	Yes	No ⊙				
	If yes, complete Section 10.A. of Schedule D.						
В.	If any <i>person</i> 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 please complete Section 10.B. of Schedule D.	1934	,				
SEC	TION 10.A. Control Persons						
	No Information Filed						
SEC	TION 10.B. <i>Control Person</i> Public Reporting Companies						
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 193	4,				
	please provide the following information (you must complete a separate Schedule D Section 10.B. for each public reporting company):						
	(1) Full legal name of the public reporting company: PRINCIPAL FINANCIAL GF	₹OUP					
	(2) The public reporting company's CIK number (Central Index Key number that the SEC assigns to each reporting company): 1126328						
Iten	11 Disclosure Information						
	nis 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 gra	nt voi	ır				
app	lication 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 are us 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 A "your" include the filing adviser and all relying advisers under an umbrella registration.	eas to					
par	or 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 theres, 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 artment or division" (SID) of a bank, see the Glossary of Terms to determine who your advisory affiliates are.						
the eve	ou 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 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 ant 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 er, judgment, or decree was entered, or the date any rights of appeal from preliminary orders, judgments, or decrees lapsed.	of an					
You	ı 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 supervised persons?	0	\odot				
Fo	"yes" answers to the following questions, complete a Criminal Action DRP:						
A.	In the past ten years, have you or any advisory affiliate:	Yes	No				
	(1) been convicted of or pled guilty or nolo contendere ("no contest") in a domestic, foreign, or military court to any felony?	0	⊙				
	(2) been charged with any felony?	0	⊙				
	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 concentrated as a second of the second o	urrent	ly				
R	In the past ten years, have you or any <i>advisory affiliate</i> :						
	(1) been convicted of or pled guilty or nolo contendere ("no contest") in a domestic, foreign, or military court to a misdemeanor involving: investments or an investment-related 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?	0	•				
	(2) been <i>charged</i> with a <i>misdemeanor</i> listed in Item 11.B.(1)?	0	\odot				
	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 compending.	ırrent	ly				

-or	"yes	s" answers to the following questions, complete a Regulatory Action DRP:		
С.	Has	s the SEC or the Commodity Futures Trading Commission (CFTC) ever:	Yes	No
	(1)	found you or any advisory affiliate to have made a false statement or omission?	\circ	\odot
	(2)	found you or any advisory affiliate to have been involved in a violation of SEC or CFTC regulations or statutes?	0	\odot
	(3)	found you or any advisory affiliate to have been a cause of an investment-related business having its authorization to do business denied, suspended, revoked, or restricted?	0	⊙
	(4)	entered an order against you or any advisory affiliate in connection with investment-related activity?	0	\odot
	(5)	imposed a civil money penalty on you or any advisory affiliate, or ordered you or any advisory affiliate to cease and desist from any activity?	0	•
Э.	Has	s any other federal regulatory agency, any state regulatory agency, or any foreign financial regulatory authority:		
	(1)	ever found you or any advisory affiliate to have made a false statement or omission, or been dishonest, unfair, or unethical?	0	\odot
	(2)	ever found you or any advisory affiliate to have been involved in a violation of investment-related regulations or statutes?	0	•
	(3)	ever found you or any advisory affiliate to have been a cause of an investment-related business having its authorization to do business denied, suspended, revoked, or restricted?	0	•
	(4)	in the past ten years, entered an order against you or any advisory affiliate in connection with an investment-related activity?	0	•
	(5)	ever denied, suspended, or revoked your or any advisory affiliate's registration or license, or otherwise prevented you or any advisory affiliate, by order, from associating with an investment-related business or restricted your or any advisory affiliate's activity?	0	•
Ξ.	Has	s any self-regulatory organization or commodities exchange ever:		
	(1)	found you or any advisory affiliate to have made a false statement or omission?	0	•
	(2)	found you or any advisory affiliate to have been involved in a violation of its rules (other than a violation designated as a "minor rule violation" under a plan approved by the SEC)?	0	•
	(3)	found you or any advisory affiliate to have been the cause of an investment-related business having its authorization to do business denied, suspended, revoked, or restricted?	0	•
	(4)	disciplined you or any advisory affiliate by expelling or suspending you or the advisory affiliate from membership, barring or suspending you or the advisory affiliate from association with other members, or otherwise restricting your or the advisory affiliate's activities?	0	•
₹.	Has	s an authorization to act as an attorney, accountant, or federal contractor granted to you or any advisory affiliate ever been revoked or suspended?	0	•
Э.	Are	you or any advisory affiliate now the subject of any regulatory proceeding that could result in a "yes" answer to any part of Item 11.C., 11.D., or 11.E.?	0	•
or	"yes	s" answers to the following questions, complete a Civil Judicial Action DRP:		
Н.	(1)	Has any domestic or foreign court:	Yes	No
		(a) in the past ten years, enjoined you or any advisory affiliate in connection with any investment-related activity?	0	•
		(b) ever found that you or any advisory affiliate were involved in a violation of investment-related statutes or regulations?	0	•
		(c) ever dismissed, pursuant to a settlement agreement, an <i>investment-related</i> civil action brought against you or any <i>advisory affiliate</i> by a state or <i>foreign financial regulatory authority</i> ?	0	⊙
	(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)?	0	•
ρm	12 9	Small Businesses		
he	SEC	Small Businesses C 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 dusiness, or "small organization," under rule 0-7	efinitio	on o

Ite

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 unection cause the unection of the management of policies of a person, whether unough ownership of securities, by contract, of 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? 0 0

If "yes," you do not need to answer Items 12.B. and 12.C.

B. Do you:

(1) control 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

Direct Owners and Executive Officers								
1. 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.								
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, 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;								
(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 <i>person</i> 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.								
(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 Schedule B?								
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.								

(2) control another person (other than a natural person) that had total assets of \$5 million or more on the last day of its most recent fiscal year?

(1) controlled by or under common control with another investment adviser that had regulatory assets under management (calculated in response to Item 5.F.(2)(c) of

(2) controlled by or under common control with another person (other than a natural person) that had total assets of \$5 million or more on the last day of its most recent

 \circ

Ownership Control PR CRD No. If None: S.S. No. and Date of

Name, First Name, Middle Name)			Acquired MM/YYYY	Code	Person		Birth, IRS Tax No. or Employer ID No.
LIEB, MARK ALAN	I	PRESIDENT & CHIEF EXECUTIVE	01/2010	NA	Y	N	853490
		OFFICER					
JACOBY, LEWIS PHILLIP	I	EXECUTIVE DIRECTOR & CHIEF INVESTMENT OFFICER	01/2010	NA	Y	N	1238147
URCIUOLI, JOSEPH JOHN	I	MANAGING DIRECTOR & DIRECTOR OF RESEARCH	01/2010	NA	N	N	2174674
ORLANDO, JEAN MARIE	I	FINANCIAL OPERATIONS PRINCIPAL & CHIEF FINANCIAL OFFICER	02/2000	NA	N	N	1197909
HANCZOR, JOSEPH ANDREW	I	MANAGING DIRECTOR & CHIEF COMPLIANCE OFFICER	08/2009	NA	N	N	5200684
BYER, MATTHEW ROSS	I	EXECUTIVE DIRECTOR & CHIEF OPERATING OFFICER	01/2010	NA	Y	N	3120607
PRINCIPAL GLOBAL INVESTORS HOLDING COMPANY (US), LLC	DE	OWNER	05/2017	E	Y	N	

Date Title or Status

Schedule B

Indirect Owners

the last day of its most recent fiscal year?

fiscal year?

Schedule A

(c) Complete each column. FULL LEGAL NAME (Individuals: Last

Form ADV) of \$25 million or more on the last day of its most recent fiscal year?

- 1. 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.
- 2. Indirect Owners. With respect to each owner listed on Schedule A (except individual owners), list below:

DE/FE/I Title or Status

- (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 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.
- (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.

FULL LEGAL NAME (Individuals: Last		DE/FE/I	Entity in Which Interest is Owned	Status	Date Status	Ownership	Control	PR	CRD No. If None: S.S. No. and Date of
	Name, First Name, Middle Name)				Acquired	Code	Person		Birth, IRS Tax No. or Employer ID No.
					MM/YYYY				
	PRINCIPAL FINANCIAL GROUP INC.	DE	PRINCIPAL FINANCIAL SERVICES	100%	10/2001	E	Υ	Υ	
			INC.	OWNER					
	PRINCIPAL FINANCIAL SERVICES INC.	DE	PRINCIPAL GLOBAL INVESTORS	100%	10/2001	E	Υ	N	
			HOLDING COMPANY (US), LLC	OWNER					

Schedule D - Miscellaneous

You may use the space below to explain a response to an Item or to provide any other information.

ITEM 1.B. REGISTRANT IS A MEMBER OF THE PRINCIPAL FINACIAL GROUP (THE PRINCIPAL), AND IS A PART OF PRINCIPAL GLOBAL INVESTORS, THE ASSET MANAGEMENT ARM OF THE PRINCIPAL. WITH REGARD TO ITEM 7B - (1) REGISTRANT HAS RELATED SEC-REGISTERED INVESTMENT ADVISERS THAT MANAGE LIMITED PARTNERSHIPS OR LIMITED LIABILITY COMPANIES THAT ARE NOT LISTED IN SECTION 7B OF SCHEDULE D; (2) COMPLETE AND ACCURATE INFORMATION ABOUT THOSE LIMITED PARTNERSHIPS OR LIMITED LIABILITY COMPANIES IS AVAILABLE IN SECTION 7B OF SCHEDULE D OF THE FORM ADVS OF REGISTRANT'S RELATED SEC-REGISTERED ADVISERS; AND (3) REGISTRANT'S CLIENTS ARE NOT SOLICITED TO INVEST IN ANY OF THOSE LIMITED PARTNERSHIPS OR LIMITED LIABILITY COMPANIES. ITEM 7.A - REGISTRANT HAS LISTED IN SECTION 7.A OF ITS SCHEDULE D CERTAIN RELATED PERSONS. OTHER RELATED PERSONS ARE NOT REQUIRED TO BE LISTED IN SCHEDULE D, SECTION 7.A PURSUANT TO THE INSTRUCTIONS TO FORM ADV OR THE SEC'S INTERPRETIVE GUIDELINES. REGISTRANT HAS A SUPPLEMENTARY LIST OF THOSE RELATED PERSONS. THIS LIST WILL BE PROVIDED UPON REQUEST.

Schedule R

No Information Filed

DRP Pages

CRIMINAL DISCLOSURE REPORTING PAGE (ADV)

No Information Filed

REGULATORY ACTION DISCLOSURE REPORTING PAGE (ADV)

No Information Filed

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?	\circ	\odot
If no, complete the ADV Part 2 filing below.		
Amend, retire or file new brochures:		

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: Date: MM/DD/YYYY
NANCY DRAY 12/04/2018
Printed Name: Title:

NANCY DRAY COMPLIANCE MANAGER

Adviser *CRD* Number:

18217

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

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: Date: MM/DD/YYYY

Printed Name: Title:

Adviser CRD Number:

18217