FORM PF (Paper Version)

Reporting Form for Investment Advisers to Private Funds and Certain Commodity Pool Operators and Commodity Trading Advisors

OMB APPROVAL	=
OMB Number:	[]
Expires:	[]
Estimated average burder	n hours
per response	[]

Form PF: General Instructions

Page 1

Read these instructions carefully before completing Form PF. Failure to follow these instructions, properly complete Form PF, or pay all required fees may result in your Form PF being delayed or rejected.

In these instructions and in Form PF, "you" means the *private fund adviser* completing or amending this Form PF. If you are a "separately identifiable department or division" (SID) of a bank, "you" means the SID rather than the bank (except as provided in Question 1(a)). Terms that appear in *italics* are defined in the Glossary of Terms to Form PF.

1. Who must complete and file a Form PF?

You must complete and file a Form PF, if:

A. You are registered or required to register with the SEC as an investment adviser;

OR

You are registered or required to register with the *CFTC* as a *CPO* or *CTA* and you are also registered or required to register with the *SEC* as an investment adviser;

AND

B. You manage one or more *private funds*.

Many *private fund advisers* meeting these criteria will be required to complete only Section 1 of Form PF and will need to file only on an annual basis. *Large private fund advisers*, however, will be required to provide additional data and file every quarter. See Instructions 3 and 8 below.

If your *principal office and place of business* is outside the United States, for purposes of this Form PF you may disregard any *private fund* that during your last fiscal year was neither a *United States person* nor offered to, or beneficially owned by, any *United States person*.

2. I have a *related person* who is required to file Form PF. May I and my *related person* file a single Form PF?

Related persons may (but are not required to) report on a single Form PF information with respect to all such related persons and the private funds they advise. You must identify in your response to Question 1 the related persons as to which you are reporting and, where information is requested about you or the private funds you advise, respond as though you and such related persons were one firm.

3. How is Form PF organized?

Section 1 – All Form PF filers

Section 1a All *private fund advisers* required to file Form PF must complete Section 1a. Section 1a asks general identifying information about you and the types of *private*

funds you advise.

Section 1b All *private fund advisers* required to file Form PF must complete Section 1b. Section 1b asks for certain information regarding the *private funds* that you advise.

Section 1c All *private fund advisers* that are required to file Form PF and advise one or more *hedge funds* must complete Section 1c. Section 1c asks for certain information regarding the *hedge funds* that you advise.

Section 2 – Large private fund advisers advising hedge funds

Section 2a You are required to complete Section 2a if you and your *related persons*, collectively, had at least \$1 billion in *hedge fund assets under management* as of the close of business on any day during the most recently completed calendar quarter.

Subject to Instruction 4, Section 2a requires information to be reported on an aggregate basis for all *hedge funds* that you advise.

Section 2b If you are required to complete Section 2a, you must complete a <u>separate</u> Section 2b with respect to each *qualifying hedge fund* that you advise.

However:

for any *parallel fund structures* that collectively comprise a *qualifying hedge fund*, you must complete a separate Section 2b for each *parallel fund* that is part of that *parallel fund structure* (even if that *parallel fund* is not itself a *qualifying hedge fund*); and

if you report answers on an aggregated basis for any *master-feeder arrangement* in accordance with Instruction 5, you should only complete a separate Section 2b with respect to the *reporting fund* for such *master-feeder arrangement*.

Section 3 – Large private fund advisers advising liquidity funds

Section 3 You are required to complete Section 3 if (i) you advise one or more *liquidity* funds and (ii) as of the close of business on any day during the most recently completed calendar quarter, you and your related persons, collectively, had at least \$1 billion in combined money market and liquidity fund assets under management.

You must complete a <u>separate</u> Section 3 with respect to each *liquidity fund* that you advise.

However, if you report answers on an aggregated basis for any *master-feeder* arrangement in accordance with Instruction 5, you should only complete a separate Section 3 with respect to the *reporting fund* for such *master-feeder* arrangement.

Section 4 – Large private fund advisers advising private equity funds

Section 4 You are required to complete Section 4 if you and your *related persons*, collectively, had at least \$1 billion in *private equity fund assets under management* as of the close of business on the last day of the most recently completed calendar quarter.

You must complete a <u>separate</u> Section 4 with respect to each *private equity fund* that you advise.

However, if you report answers on an aggregated basis for any *master-feeder* arrangement in accordance with Instruction 5, you should only complete a separate Section 4 with respect to the *reporting fund* for such *master-feeder* arrangement.

Section 5 – Advisers requesting a temporary hardship exemption

Section 5 See Instruction 13 for details.

4. I am a subadviser or engage a subadviser for a *private fund*. Who is responsible for reporting information about that *private fund*?

Only one *private fund adviser* should complete and file Form PF for each *private fund*. If an adviser files *Form ADV Section 7.B.1* with respect to any *private fund*, the same adviser must also complete and file Form PF for that *private fund*.

Where a question requests aggregate information regarding the *private funds* that you advise, you should only include information regarding the *private funds* for which you are filing Section 1b of Form PF.

5. When am I required to aggregate information regarding parallel funds, parallel managed accounts, master-feeder arrangements and funds managed by related persons?

You are required to aggregate related funds and accounts differently depending on the purpose of the aggregation.

For purposes of determining whether you meet a reporting threshold, you must aggregate *parallel* funds, parallel managed accounts and master-feeder funds. In addition, you must treat any private fund or parallel managed account advised by any of your related persons as though it were advised by you.

In contrast, for questions that request information about individual funds, you must report aggregate information for *parallel managed accounts* and master-feeder funds, but not *parallel funds*. Where a question requests aggregate information regarding the *private funds* that you advise, you should only include information regarding the *private funds* for which you are filing Section 1b of Form PF. You should not report information for any *private fund* or *parallel managed account* advised by any of your *related persons* unless you have identified that *related person* in Question 1(b) as a *related person* for which you are filing Form PF.

See the table below for more detailed instructions.

For purposes of determining whether a For purposes of reporting information in private fund is a qualifying hedge fund **Sections 1b, 1c, 2b, 3 and 4** You must aggregate any private funds that You must report answers on an aggregated are part of the same *master-feeder* basis for any *private funds* that are part of arrangement (even if you did not, or were the same *master-feeder arrangement* (even not permitted to, aggregate these private if you did not, or were not permitted to, funds for purposes of Form ADV Section aggregate these *private funds* for purposes 7.B.1) of Form ADV Section 7.B.1) You must aggregate any private funds that You must file a separate Section 1b, 1c, 2b, are part of the same parallel fund structure 3 or 4, as applicable, for each parallel fund (or, in the case of Section 2b, each parallel fund that is part of a parallel fund structure collectively comprising a qualifying hedge *fund*) Any parallel managed account must be Any parallel managed account must be aggregated with the largest private fund to aggregated with the largest private fund to which that *parallel managed account* which that *parallel managed account* relates relates You must treat any *private fund* or *parallel* You should not report information for any managed account advised by any of your private fund or parallel managed account related persons as though it were advised advised by any of your related persons by you (even if you have not identified that unless you have identified that related related person in Question 1(b) as a related person in Question 1(b) as a related person person for which you are filing Form PF) for which you are filing Form PF

In subsequent updates or amendments to this Form PF, you must report information in a manner that is consistent with previous filings made with respect to any *private fund*.

6. According to Instruction 5, I am required to aggregate funds or accounts to determine whether I meet a threshold or for reporting purposes. How do I "aggregate" funds or accounts for these purposes?

Where two or more *parallel funds* or master-feeder funds are aggregated in accordance with Instruction 5, you must treat the aggregated funds as if they were all one *private fund*. Investments that a *feeder fund* makes in a *master fund* should be disregarded but other investments of the *feeder fund* should be treated as though they were investments of the aggregated fund.

Similarly, for all purposes under this Form PF, assets held in *parallel managed accounts* should be treated as assets of the *private funds* with which they are aggregated.

Example 1. You advise a master-feeder arrangement with one feeder fund. The feeder fund has invested \$500 in the master fund and holds a foreign exchange derivative with a notional value of \$100. The master fund has used the \$500 received from the feeder fund to invest in corporate bonds. Neither

fund has any other assets or liabilities.

For all purposes under this Form PF, this *master-feeder arrangement* should be treated as a single *private fund* whose only investments are \$500 in *corporate bonds* and a *foreign exchange derivative* with a notional value of \$100.

Example 2.

You advise a *parallel fund structure* consisting of two *hedge funds*, named *parallel fund* A and *parallel fund* B. You also advise a related *parallel managed account*. The account and each fund have invested in *corporate bonds* of Company X and have no other assets or liabilities. The value of *parallel fund* A's investment is \$400, the value of *parallel fund* B's investment is \$300 and the value of the account's investment is \$200.

For purposes of determining whether either of the *parallel funds* is a *qualifying hedge fund*, the entire *parallel fund structure* and the related *parallel managed account* should be treated as a single *private fund* whose only asset is \$900 of *corporate bonds* issued by Company X.

For purposes of responding to questions regarding the funds, information about each *parallel fund* should be reported separately but the assets of the *parallel managed account* should be treated as assets of the largest *private fund* to which it relates. Accordingly, *parallel fund* A should be treated as a *private fund* whose only asset is \$600 of *corporate bonds* issued by Company X, while *parallel fund* B should be treated as a separate *private fund* whose only asset is \$300 of *corporate bonds* issued by Company X.

7. I advise a *private fund* that only invests in other *private funds*. Should I include this "fund of funds" in responses to Form PF?

For each "fund of funds" that you advise, complete Section 1b. For all other purposes, you should disregard any "fund of funds." For example, where questions request aggregate information regarding the *private funds* you advise, do not include the assets or liabilities of any "fund of funds."

For purposes of this Form PF, a *private fund* is a "fund of funds" only if it invests exclusively in other *private funds*. (Please note that a "fund of funds" for purposes of question 8 of *Form ADV Section 7.B.1* may not be a "fund of funds" for purposes of Form PF.)

8. When am I required to update Form PF?

You are required to update Form PF at the following times:

Annual updates

Unless you are a *large private fund adviser*, you must file an *annual update* each year that updates the answers to all Items in this Form PF. Your *annual update* is due no later than the last day on which you may timely file your "annual updating amendment" to Form ADV (currently, your *annual update* would be due 90 days after the end of your fiscal year).

Quarterly updates

If you are a *large private fund adviser*, then within 15 calendar days after the end of each calendar quarter, you must file a *quarterly update* that

updates the answers to all Items in this Form PF. *Quarterly updates* are filed in lieu of *annual updates*.

Transition filing If you need to transition from quarterly to annual filing because you are no

longer a *large private fund adviser*, then you must complete and file Item A of Section 1a and check the box in Section 1a indicating that you are making your final filing as a *large private fund adviser*. You must file your transition filing no later than the last day on which your next *quarterly*

update would be timely.

Final filing If you are no longer required to file Form PF, then you must complete and

file Item A of Section 1a and check the box in Section 1a indicating that you are making your final filing. You must file your final filing no later than the last day on which your next Form PF update would be timely. This

applies to all Form PF filers.

Failure to update your Form PF as required by these instructions is a violation of SEC and, where applicable, CFTC rules and could lead to revocation of your registration.

9. How do I obtain *private fund* identification numbers for my *reporting funds*?

Each *private fund* must have an identification number for purposes of reporting on *Form ADV* and Form PF. *Private fund* identification numbers can only be obtained by filing *Form ADV*.

If you need to obtain a *private fund* identification number and you are required to file a *quarterly update* of Form PF prior to your next annual update of *Form ADV*, then you must acquire the identification number by filing an other-than-annual amendment to your *Form ADV*. When filing an other-than-annual amendment for this purpose, you must complete and file all of *Form ADV Section 7.B.1* for the new *private fund*.

See Instruction 6 to Part 1A of *Form ADV* and General Instruction 4 to *Form ADV* for additional information regarding the acquisition and use of *private fund* identification numbers and filing other-than-annual amendments.

10. Who must sign my Form PF or update?

The individual who signs the Form PF depends upon your form of organization:

- For a sole proprietorship, the sole proprietor.
- For a partnership, a general partner.
- For a corporation, an authorized principal officer.
- For a limited liability company, a managing member or authorized person.
- For a SID, a principal officer of your bank who is directly engaged in the management, direction or supervision of your investment advisory activities.
- For all others, an authorized individual who participates in managing or directing your affairs.

The signature does not have to be notarized and should be a typed name.

If you and one or more of your *related persons* are filing a single Form PF, then Form PF may be signed by one or more individuals; however, the individual, or the individuals collectively, must

have authority, as provided above, to sign both on your behalf and on behalf of all such *related persons*.

11. How do I file my Form PF?

You must file Form PF electronically through the [Form PF filing system] website (<www.[].com>), which contains detailed filing instructions. Questions regarding filing through the [Form PF filing system] should be addressed to the [Form PF filing system operator at [xxx-xxx-xxxx]].

12. Are there filing fees?

Yes, you must pay a filing fee for your Form PF filings. The Form PF filing fee schedule is published at http://www.sec.gov/ |> and http://www.sec.gov/<

13. What if I am not able to file electronically?

A temporary hardship exemption is available if you encounter unanticipated technical difficulties that prevent you from making a timely filing with the [Form PF filing system], such as a computer malfunction or electrical outage. This exemption does <u>not</u> permit you to file on paper; instead, it extends the deadline for an electronic filing for seven "business days" (as such term is used in *SEC* rule 204(b)-1(f)).

To request a temporary hardship exemption, you must complete and file on paper Item A of Section 1a and Section 5 of Form PF, checking the box in Section 1a indicating that you are requesting a temporary hardship exemption. Mail one manually signed original and one copy of your exemption filing to: U.S. Securities and Exchange Commission, Branch of Regulations and Examinations, Mail Stop 0-25, 100 F Street NE, Washington, DC 20549. You must preserve in your records a copy of any temporary hardship exemption filing. Any request for a temporary hardship exemption must be filed no later than one business day after the electronic Form PF filing was due. For more information, see *SEC* rule 204(b)-1(f).

14. How should I enter requested information?

Unless otherwise indicated,

- provide the requested information as of the close of business on the *data reporting date*;
- if information is requested for any month or quarter, provide the requested information as of the close of business on the last calendar day of the month or quarter, respectively;
- if a question asks for information expressed as a percentage, enter a percentage rounded to the nearest one-hundredth of one percent;
- if a question asks for a monetary value, provide the information in U.S. dollars as of the *data* reporting *date*, rounded to the nearest thousand;
- if a question asks for a numerical value other than a percentage or a dollar value, provide information rounded to the nearest whole number; and

• unless otherwise required by one of the preceding bullets, report using the same calculations you use internally and for investor reports.

Form PF		Information about you	and your related persons		Page 1 of 44		
Section 1a	l	(to be completed by all Form PF filers)					
G 4' 1	T C	4. 1. 4. 1. 7	. 7				
Section 1a	: Ini	ormation about you and your <i>rel</i>	atea persons				
WARNIN	G:	Complete this Form PF truthfully.	False statements or omission	ns may res	ult in revocation		
		of your registration or criminal pr	rosecution. You must keep	this Form	PF updated by		
		filing periodic amendments. See F	orm PF General Instruction 8	8.			
Check the	box tł	nat indicates what you would like to	o do:				
A.	If yo	ou <u>are not</u> a <i>large private fund advi</i>	ser:				
		Submit an initial filing					
		Submit an <i>annual update</i>					
		Submit a final filing					
		Request a temporary hardship	ovamption				
D			exemption				
В.	пус	ou <u>are</u> a <i>large private fund adviser</i> :					
	Ļ	Submit an initial filing					
	L	Submit a quarterly update (inc	luding fourth quarter updates	s)			
		Transition to annual reporting					
		Submit a final filing					
		Request a temporary hardship	exemption				
Itom A 1	Infor	nation about you					
Tun A. I		nation about you					
1. (a)	Provi	de your name and the other identif	ying information requested b	elow.			
` ,		should be your full legal name. If			your last		
		and middle names. If you are a SI		-			
	-	se use the same name that you use i		n your our	».		
			SEC 801-Number,	NFA	ID Number,		
		Legal name	if any		if any		
				<u>l</u>			
(b)		de the following information for ea		any, with	respect to		
	whic	h you are reporting information on	this Form PF:				
		Y1	SEC 801-Number,		ID Number,		
		Legal name	if any		if any		

Form PF Section 1a

Information about you and your related persons (to be completed by all Form PF filers)

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2. Signatures of sole proprietor or authorized representative (see Instruction 10 to Form PF).

Signature on behalf of the firm and its related persons:

I, the undersigned, sign this Form PF on behalf of, and with the authority of, the *firm*. In addition, I sign this Form PF on behalf of, and with the authority of, each of the *related persons* identified in Question 1(b) (other than any *related person* for which another individual has signed this Form PF below). The *firm*, each *related person* for which I am signing this Form PF, and I all certify, under penalty of perjury under the laws of the United States of America, that the information and statements made in this Form PF relating in whole or in part to the *firm* or any such *related person* are true and correct, and that I am signing this Form PF execution page as a free and voluntary act.

To the extent that Section 1 or 2 of this Form PF is filed in accordance with a regulatory obligation imposed by CEA rule 4.27(d), the firm, each $related\ person$ for which I am signing this Form PF, and I all accept that any false or misleading statement of a material fact therein or material omission therefrom shall constitute a violation of section 6(c)(2) of the CEA.

Name of individual:	
Signature:	
Title:	
Email address:	
Telephone contact number (include area code and, if outside the United States, country code):	
Date:	

Signature on behalf of related persons:

I, the undersigned, sign this Form PF on behalf of, and with the authority of, the *related person*(*s*) identified below. Each such *related person* and I certify, under penalty of perjury under the laws of the United States of America, that the information and statements made in this Form PF relating in whole or in part to any such *related person* are true and correct, and that I am signing this Form PF execution page as a free and voluntary act.

To the extent that Section 1 or 2 of this Form PF is filed in accordance with a regulatory obligation imposed by CEA rule 4.27(d), each *related person* identified below and I all accept that any false or misleading statement of a material fact therein or material omission therefrom shall constitute a violation of section 6(c)(2) of the CEA.

Name of each <i>related person</i> on behalf of which this individual is signing:	
Name of individual:	
Signature:	
Title:	
Email address:	
Telephone contact number (include area code	

Form PF Section 1a		Information about you and you (to be completed by all For	-	Page 3 of 44
	and,	if outside the United States, country code):		
Item	B. Inform	mation about assets of private funds that yo	ou advise	
3.	(Your reg amount y you advis	nder management (in U.S. dollars): gulatory assets under management for purpos you reported on Form ADV if you are filing I se any parallel managed accounts that are not of Instruction 5.b to Form ADV.)	Form PF on a quarterly	y basis or if
	(a) To	tal regulatory assets under management		
	(b) To	tal net assets under management		
4.	listed abo	regulatory assets under management and you ove, provide a breakdown of the dollar amount efunds that you advise: Is of items (a) through (h) should equal the a 3.)	nt attributable to the fo	llowing types
			Regulatory assets under management	Net assets under management
	(a) Hedg	ge funds		
	(b) Liqui	idity funds		
	(c) Priva	ate equity funds		
	(d) Real	estate funds		
	(e) Secur	ritized asset funds		
	(f) Venti	ure capital funds		
		r private funds		
	(h) Fund	s and accounts other than private funds		

Form PF	Information about you and your related persons	Page 4 of 44
Section 1a	(to be completed by all Form PF filers)	

Item C. Miscellaneous

5. You may use the space below to explain any assumptions that you made in responding to any question in this Form PF. Assumptions must be in addition to, or reasonably follow from, any instructions or other guidance provided in, or in connection with, Form PF. If you are aware of any instructions or other guidance that may require a different assumption, provide a citation and explain why that assumption is not appropriate for this purpose.

Question number	Description

Forn Secti	n PF on 1b	Information about the <i>private funds</i> you advise (to be completed by all Form PF filers)	Page 5 of 44
Secti	on 1b: Info	rmation about the <i>private funds</i> you advise	
infor	mation regard	te a separate Section 1b for each <i>private fund</i> that you advise. You ling <i>private funds</i> as provided in the General Instructions. If fund identifying information	ou must aggregat
6.	(a) Name of	f the reporting fund	
		fund identification number of the reporting fund	
	(c) NFA ide	entification number of the <i>reporting fund</i> , if applicable	
	(d) LEI of t	he reporting fund, if applicable	
7.	(This amound ADV Section on a quarter purposes of purposes of	value of reporting fund Int may differ from the amount you reported in response to question 11 on 7.B.1. For instance, the amounts may not be the same if you are firly basis, if you are required to aggregate a master-feeder arrangeme this Form PF and you did not aggregate that master-feeder arrangeme Form ADV Section 7.B.1. or if you are required to aggregate a para purposes of this Form PF.)	l(a) of Form ling Form PF nt for nent for
8.	Net asset va	lue of reporting fund	
	ADV Section on a quarter purposes of purposes of	In the may differ from the amount you reported in response to question 1.2 on 7.B.1. For instance, the amounts may not be the same if you are firly basis, if you are required to aggregate a master-feeder arrangeme this Form PF and you did not aggregate that master-feeder arrangeme Form ADV Section 7.B.1. or if you are required to aggregate a parapurposes of this Form PF.)	ling Form PF nt for nent for
9.	Provide the the types of	following information regarding the value of the <i>reporting fund's bon</i> creditors.	rowings and
		t required to respond to this question for any reporting fund with respwering Question 37 in Section 2b.)	pect to which

(The percentages borrowed from the specified types of creditors should add up to 100%.)

Dollar amount of total borrowings.....

(a) Percentage borrowed from *U.S. financial institutions*......
(b) Percentage borrowed from *non-U.S. financial institutions*.....
(c) Percentage borrowed from creditors that are not *financial institutions*.....

Form PF	Information about the private funds you advise	Page 6 of 44
Section 1b	(to be completed by all Form PF filers)	

Identify each creditor, if any, to which the reporting fund owed an amount in respect of borrowings equal to or greater than 5% of the reporting fund's net asset value as of the data reporting date. For each such creditor, provide the amount owed to that creditor. Dollar amount owed to Name of creditor each creditor [drop-down list of creditor/counterparty names] Other: _____ [repeat drop-down list of creditor/counterparty names] Other: [repeat drop-down list of creditor/counterparty names] Other: Provide the aggregate value of all derivative positions of the *reporting fund*...... 11. (The value of any derivative should be its total gross notional value, except that the value of an option should be its delta adjusted notional value. Do not net long and short positions.) (You are not required to respond to this question for any reporting fund with respect to which you are answering Question 38 in Section 2b.) Provide the following information regarding investor concentration. (For purposes of this question, if you know that two or more beneficial owners of the reporting fund are affiliated with each other, you should treat them as a single beneficial owner. Also, if you are aggregating any parallel managed accounts with the reporting fund in accordance with the General Instructions, you should treat the account owners as beneficial owners of the reporting fund.) Specify the total number of beneficial owners of the *reporting fund's* equity interests..... Specify the percentage of the *reporting fund's* equity that is beneficially owned by the five beneficial owners having the largest equity interests in the reporting fund..... Item C. Reporting fund performance 13. When does the fiscal year of the *reporting fund* end? (Please respond with the last day of the reporting fund's fiscal year even if a feeder fund or parallel managed account aggregated with the reporting fund has a different fiscal year end.)

14. For each period specified below, provide the following information expressed as a percentage:

March 31 ☐ June 30 ☐ September 30 ☐ December 31 ☐ Other:

Form PF Information about the *private funds* you advise Page 7 of 44

Section 1b (to be completed by all Form PF filers)

(i) the change in the *reporting fund's net asset value*; (ii) the *reporting fund's* performance, without deducting performance fees or charges; and (iii) the *reporting fund's* performance, after deducting performance fees and charges.

(Change in net asset value should be determined by including subscriptions and redemptions as of the last day of the relevant period and deducting fees and expenses (including performance fees, performance allocation charges or accruals, fixed advisory fees and operating, trading and investment expenses).)

(Performance should be determined by deducting fees and expenses (including fixed advisory fees and operating, trading and investment expenses). Include or exclude performance fee or performance allocation charges or accruals as indicated below (if you do not accrue a performance fee or performance allocation charge throughout the year, then your response should include a pro forma accrual of the fee or charge where indicated).)

(You must respond based on the performance of the equity class that has been in existence since the inception (or the representative limited partner invested since inception) of the reporting fund ("inception class"), inclusive of all investments made by the fund and based on the inception class fee structure. If you are aggregating one or more private funds and/or parallel managed accounts with the reporting fund in accordance with Instruction 5, use the inception class of the oldest private fund in the group.)

(If your fiscal year is different from the reporting fund's fiscal year, then for any portion of the reporting fund's fiscal year that has not been completed as of the data reporting date, provide the relevant information from that portion of the reporting fund's preceding fiscal year.)

	NAV change	Performance	
		Without deducting performance fees/charges	After deducting performance fees/charges
(a) 1st month of reporting fund's fiscal year			
(b) 2nd month of reporting fund's fiscal year			
(c) 3rd month of reporting fund's fiscal year			
(d) First quarter			
(e) 4th month of reporting fund's fiscal year			
(f) 5th month of reporting fund's fiscal year			
(g) 6th month of reporting fund's fiscal year			
(h) Second quarter			
(i) 7th month of reporting fund's fiscal year			
(j) 8th month of reporting fund's fiscal year			
(k) 9th month of reporting fund's fiscal year			
(l) Third quarter			
(m) 10th month of reporting fund's fiscal year			
(n) 11th month of reporting fund's fiscal year			

Form PF Information about the <i>private funds</i> you advise Section 1b (to be completed by all Form PF filers)			Page 8 of 44
, ,	nonth of <i>reporting fund's</i> fiscal year		
	re-month period ending on the data		

	n PF ion 1c	Information about the <i>hedge funds</i> you a (to be completed by all Form PF filers that advise		Page 9 of 44
a				
Sect	ion 1c: Inf	ormation about the hedge funds you advise		
	_	plete a separate Section 1c for each <i>hedge fund</i> that arding <i>hedge funds</i> as provided in the General Instruction	•	ı must aggregate
Iten	n A. Report	ting fund identifying information		
15.	(a) Name	of the reporting fund		
15.		te fund identification number of the reporting fund		
	(0) 1711	re juna literative action number of the reporting juna		
Item	ı B. Certai	n information regarding the <i>reporting fund</i>		
16.	Does the	reporting fund have a single primary investment strateg	y or multiple stra	tegies?
	Sing	gle primary strategy		
17.	reporting provide a	which of the strategies below best describe the investme fund used during the reporting period. For each strategies good faith estimate of the percentage of the reporting fed by that strategy.	gy that you have s	elected,
	the descripselect "ot	e strategies that best describe the reporting fund's invest ptions below do not precisely match your characterizate ther" only if a strategy that the reporting fund uses is sign strategies identified below. The total among all strategory	ion of those strate gnificantly differed	gies; nt from
		Strategy	% of NAV	
	☐ Equ	ity, Market Neutral		
	☐ Equ	ity, Directional		
	☐ Equ	ity, Short Bias		
	☐ Mad	ero, Active Trading (high frequency trading)		
	☐ Mad	ero, Commodity		
	☐ Mad	ero, Currency		
	☐ Mad	cro, Global Macro		
	Rela	ative Value, Fixed Income Asset Backed		
	Rela	ative Value, Fixed Income Convertible Arbitrage		

☐ Relative Value, Fixed Income Corporate☐ Relative Value, Fixed Income Sovereign

Relative Value, Volatility

Event, Activist

Form PF Section 1c		Information about the <i>hedge funds</i> you advise (to be completed by all Form PF filers that advise <i>hedge funds</i>)	Page 10 of 44		
		Event, Distressed/Restructuring Event, Merger Arbitrage/Special Situations Event, Private Issue/Reg D Investment in other funds Other:			
18.	During the <i>reporting period</i> , approximately what percentage of the <i>reporting fund's net asset value</i> was managed using computer-driven trading algorithms to select investments? (In your response, please do not include algorithms that are used solely for trade execution.) \[\begin{array}{c} 0\times & \text{less than } 10\times & \text{10-25\times} & \text{26-50\times} & \text{51-75\times} & \text{76-99\times} & \text{100\times} \]				
19. Identify the five trading counterparties to which the reporting fund has the greatest net counterparty credit exposure, measured as a percentage of the reporting fund's net asset value. (For purposes of this question, you should treat affiliated entities as a single group and CCPs should not be regarded as trading counterparties.) (In your response, you should take into account: (i) mark to market gains and losses on derivatives; (ii) margin posted by the counterparty; and (iii) any loans or loan commitments.) (However, you should not take into account: (i) assets that the counterparty is holding in custody on your behalf; (ii) securities transactions that have been executed but not yet settled; (iii) margin held in a customer omnibus account at a CCP, which should be considered exposure to the CCP rather than a trading counterparty; or (iv) holdings of debt or equity securities issued by the counterparty.)					
	(a)	Name of counterparty [repeat drop-down list of creditor/counterparty names]	Exposure (% of reporting fund's net asset value)		
	(b)	Other: [repeat drop-down list of creditor/counterparty names] Other:			
	(c)	[repeat drop-down list of creditor/counterparty names] Other:			
	(d)	[repeat drop-down list of creditor/counterparty names] Other:			
	(e)	[repeat drop-down list of creditor/counterparty names] Other:			

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20. Identify the five trading counterparties that have the greatest net counterparty credit exposure to the *reporting fund*, measured in U.S. dollars.

(For purposes of this question, you should treat affiliated entities as a single group and CCPs should not be regarded as trading counterparties.)

(In your response, you should take into account: (i) mark to market gains and losses on derivatives; (ii) margin posted to the counterparty; and (iii) any loans or loan commitments.)

(However, you should not take into account: (i) assets that the counterparty is holding in custody on your behalf; (ii) securities transactions that have been executed but not yet settled; (iii) margin held in a customer omnibus account at a CCP, which should be considered exposure to the CCP rather than a trading counterparty; or (iv) holdings of debt or equity securities issued by the counterparty.)

	Name of counterparty	Exposure (in U.S. dollars)
(a)	[repeat drop-down list of creditor/counterparty names] Other:	
(b)	[repeat drop-down list of creditor/counterparty names] Other:	
(c)	[repeat drop-down list of creditor/counterparty names] Other:	
(d)	[repeat drop-down list of creditor/counterparty names] Other:	
(e)	[repeat drop-down list of creditor/counterparty names] Other:	

21. Provide the following information regarding your use of trading and clearing mechanisms during the *reporting period*.

(Provide good faith estimates of the mode in which instruments were traded and cleared by the reporting fund, and not the market as a whole. For purposes of this question, a "trade" includes any transaction, whether entered into on a bilateral basis or through an exchange, trading facility or other system. With respect to clearing, transactions for which margin is held in a customer omnibus account at a CCP should be considered cleared by a CCP. Triparty repo applies where repo collateral is held at a custodian (not including a CCP) that acts as a third party agent to both the repo buyer and the repo seller.)

(An instrument should only be included in a single category for each of the trading and clearing portions of this question. The total in each row should add up to 100%.)

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787 3.	•	• 4 •
Iradino	Λt	securities:
IIaumg	OI.	sccurrics.

	On a regulated exchange	ОТС
(a) Estimated % (in terms of market value) of equity securities (other than derivatives) that were traded by the reporting fund		
(b) Estimated % (in terms of market value) of debt securities (other than derivatives) that were traded by the <i>reporting fund</i>		
(c) Estimated % (in terms of market value) of <i>ABS</i> that were traded by the <i>reporting fund</i>		

Clearing of securities:

	Cleared by a <i>CCP</i>	Bilaterally transacted (i.e., not cleared by a <i>CCP</i>)
(d) Estimated % (in terms of market value) of equity securities (other than derivatives) that were traded by the <i>reporting fund</i> and		
(e) Estimated % (in terms of market value) of debt securities (other than derivatives) that were traded by the <i>reporting fund</i> and		
(f) Estimated % (in terms of market value) of <i>ABS</i> that were traded by the <i>reporting fund</i> and		

Trading of derivatives:

	exchange or swap execution facility	отс
(g) Estimated % (in terms of notional value) of <i>credit</i> derivatives that were traded by the <i>reporting fund</i>		
(h) Estimated % (in terms of notional value) of <i>interest rate</i> derivatives that were traded by the reporting fund		
(i) Estimated % (in terms of notional value) of <i>commodity</i> derivatives that were traded by the <i>reporting fund</i>		
(j) Estimated % (in terms of notional value) of equity derivatives that were traded by the <i>reporting fund</i>		
(k) Estimated % (in terms of notional value) of <i>foreign</i> exchange derivatives that were traded by the reporting fund		

On a regulated

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(1) Estin	nated % (in terms of notional value) of	other		
	atives that were traded by the reporting			
	mires una were maded by the repertung	5 /		
Clearing	g of derivatives:			
				Bilaterally
			Charact has	transacted
			Cleared by a CCP	(i.e., not cleared by a <i>CCP</i>)
(m)Estim	ested 0/ (in terms of notional value) of	ana dit		, , , , , , , , , , , , , , , , , , ,
	nated % (in terms of notional value) of atives that were traded by the reporting			
	• •			
	nated % (in terms of notional value) of			
deriv	atives that were traded by the reporting	g fund and		
(o) Estin	nated % (in terms of notional value) of	commodity		
deriv	atives that were traded by the reporting	g fund and		
(p) Estin	nated % (in terms of notional value) of	equity		
	atives that were traded by the reporting			
(a) Estim	nated % (in terms of notional value) of	foreign		
_	ange derivatives that were traded by the	-		
	and			
· ·				
	nated % (in terms of notional value) of atives that were traded by the reporting			
aeriv	uives that were traded by the reporting	g juna and		
Clearing	g of repos:			
			Bilaterally	
			transacted	
		Cleared by a CCP	(i.e., not cleared by a <i>CCP</i>)	Constitute a tri-party <i>repo</i>
() =			Dy a CCI)	TI party repo
	nated % (in terms of market value)			
	po trades that are entered into by			
tne <i>re</i>	eporting fund and			
2. What per	centage of the reporting fund's net ass	set value relates to	o transactions	
	ocentage of the <i>reporting fund's net ass</i> not described in any of the categories li			

Question 21?

Form PF Aggregated information about hedge funds that you advise Section 2a (to be completed by large private fund advisers only)

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Section 2a: Aggregated information about hedge funds that you advise

Item A. Exposure of hedge fund assets

23. Aggregate hedge fund exposures.

(Give a dollar value for long and short positions as of the last day in each month of the reporting period, by sub-asset class, including all exposure whether held physically, synthetically or through derivatives. The value of any derivative should be its total gross notional value, except that the value of an option should be its delta adjusted notional value. Include any closed out and OTC forward positions that have not yet expired/matured. Do not net positions within sub-asset classes. Positions held in side-pockets should be included as positions of the hedge funds. Provide the absolute value of short positions.)

(Each position should only be included in a single sub-asset class.)

	1st Month		2nd Month		3rd Month	
	LMV	SMV	LMV	SMV	LMV	SMV
Listed equity						
Issued by financial institutions						
Other listed equity						
Unlisted equity						
Issued by financial institutions						
Other unlisted equity						
Listed equity derivatives						
Related to financial institutions						
Other listed equity derivatives						
Unlisted equity derivatives						
Related to financial institutions						
Other unlisted equity derivatives						
Corporate bonds issued by financial institutions (other than convertible bonds)						
Investment grade						
Duration						
Non-investment grade						
Duration						
Corporate bonds not issued by financial institutions (other than convertible bonds)						
Investment grade						
Duration						

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ection 2a							
Non-ii	nvestment grade						
D	uration						
Convertib	le bonds issued by financial						
institution	S	1		1	1	<u> </u>	
Invest	ment grade						
D	uration						
Non-ii	nvestment grade						
D	uration						
Convertibe institution	le bonds not issued by financial s			_			
Invest	ment grade						
D	uration						
Non-ii	nvestment grade						
D	uration						
Sovereign	bonds and municipal bonds						
U.S. ti	reasury securities						
D	uration						
Agenc	y securities						
D	uration						
GSE b	oonds						
D	uration						
Sovere	eign bonds issued by G10 countries						
other	than the U.S.						
D	uration						
	sovereign bonds (including national bonds)						
_	uration						
	tate and local bonds						
	uration						
D		L	1	1	l	1	I
Loans							
	aged loans						
	uration						
	icates of deposit						
	uration						
	loans (not including repos)						
Oiner	iomis (not metading repos)		+	+	-		-

Form PF	Aggregated information about hedge funds that you advis
Section 2a	(to be completed by large private fund advisers only)

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Repos			
Duration			
ABS/structured products	 		
RMBS			
Duration			
CMBS			
Duration			
Agency MBS			
Duration			
Auto ABS			
Duration			
Consumer ABS			
Duration			
ABCP			
Duration			
CDO			
Duration			
CLO			
Duration			
WBS			
Duration			
Other ABS			
Duration			
Other structured products			
Credit derivatives		 	
Single name CDS			
Index CDS			
Exotic CDS			
Foreign exchange derivatives			
Non-U.S. currency holdings			
Interest rate derivatives			
Commodities (derivatives)	 		
Crude oil			

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Section 2a	(to be completed by large pro-	s only)				
	_					
Natui	ral gas					
Gold						
Powe	r					
Other	r commodities					
Commodi	ities (physical)					
Crud	e oil					
Natui	ral gas					
Gold						
Powe	r					
Other	r commodities					
Other der	rivatives					
				_		
Investmen	nts in internal private funds					
Investmen	nts in external private funds					
Investmer	nts in registered investment					
companie	25					
_						
	nts in funds for cash management					
	cash equivalents (other than					
	nts covered by another category					
Investmer	nts in other sub-asset classes					
24 5		d .	C1			
	month of the <i>reporting period</i> , provide of the <i>hedge funds</i> that you advise.	tne <i>turnover rate</i>	for the aggregate	3		
portiono	or the neage james that you advise.	1st Month	2nd Month	3rd Month		
Turnover	rate (as a percentage)					
1 amover	ruic (as a percentage)					
05 D ::	1. 11 11 64	. 11 4				

25. Provide a geographical breakdown of the investments made by the *hedge funds* that you advise (by percentage of the *hedge funds*' aggregate gross asset value).

(Except for foreign exchange derivatives, investments should be allocated by the jurisdiction of organization of the issuer or counterparty, as applicable. In the case of foreign exchange derivatives, investments should be allocated by the country to whose currency the reporting fund has exposure through the derivative. The total should add up to 100%.)

(The value of any derivative should be its total gross notional value, except that the value of an option should be its delta adjusted notional value. Do not net long and short positions.)

Form PF Aggregated information about hedge funds that you advise Page 18 of 44
Section 2a (to be completed by large private fund advisers only)

	Region	%
Ame	ericas	
(a) E	Brazil	
(b) C	Canada	
(c) N	Mexico	
(d) U	United States	
(e) C	Other Americas	
Euro	ope	
(f) <i>E</i>	EEA	
(g) F	Russia	
(h) (Other Europe	
Asia	and Pacific	
(i) A	Australia	
(j) (China (including Hong Kong)	
(k) I	India	
(l) J	Japan	
(m) K	Korea, Republic of	
(n) N	Middle East	
(o) (Other Asia and Pacific	
Afric	ca	
(p) S	South Africa	
(a) (Other Africa	

Form PF	Information about qualifying hedge funds that you advise	Page 19 of 44
Section 2b	(to be completed by <i>large private fund advisers</i> only)	

Section 2b: Information about qualifying hedge funds that you advise.

You must complete a separate Section 2b for each *qualifying hedge fund* that you advise (or, in the case of *parallel fund structures* that collectively comprise a *qualifying hedge fund*, each *parallel fund* that is part of that *parallel fund structure*). You must aggregate information regarding *qualifying hedge funds* as provided in the General Instructions.

prov	ided in the General Instructions.						
Iten	A. Reporting fund identifying information						
26.	(a) Name of the reporting fund					$ extstyle $	
	(b) <i>Private fund</i> identification number of the <i>rep</i>					-	
Iten	B. Reporting fund exposures and trading						
Chec	ck this box if you advise only one hedge fund. If y	you check	this box,	you may	skip Qu	estion 27.	
27.	Reporting fund exposures. (Give a dollar value for long and short positions reporting period, by sub-asset class, including all synthetically or through derivatives. The value of notional value, except that the value of an option Include any closed out and OTC forward position net positions within sub-asset classes. Positions positions of the reporting fund. Provide the absolute (Each position should only be included in a sing	ll exposure of any der n should b ons that ho held in si olute value	e whether vivative sh ve its delto ve not ye de-pocket e of short	held phy would be want adjusted to expired ts should	vsically, its total gr d notiona l/matured be includ	ross l value. '. Do not	
		1st M	Ionth	2nd I	Month	3rd N	Month
		<i>LMV</i>	SMV	LMV	SMV	LMV	SMV
	Listed equity		,	_	1	.	,
	Issued by financial institutions						
	Other listed equity						
	Unlisted equity		1	1	1	1	Τ
	Issued by financial institutions						-
	Other unlisted equity						
	Listed equity derivatives						
	Related to financial institutions						
	Other listed equity derivatives						
	Unlisted equity derivatives						
	Related to financial institutions						

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Section 2b	(to be completed by large p					
Other	unlisted equity derivatives					
			·			
Corporate	bonds issued by financial					
	s (other than convertible bonds)	_				
Invest	ment grade					
D	uration					
Non-ii	nvestment grade					
D	uration					
-	bonds not issued by financial					
institution	s (other than convertible bonds)			1		
Invest	ment grade					
D	uration					
Non-ii	nvestment grade					
D	uration					
	le bonds issued by financial					
institution						
	ment grade					
D	uration					
Non-ii	nvestment grade					
D	uration					
	le bonds not issued by financial					
institution						
	ment grade					
	uration					
	nvestment grade					
D	uration					
g .						
_	bonds and municipal bonds				 -	
	reasury securities					
	Duration					
	ry securities					
	uration					
GSE l	oonds					
D	uration					
	eign bonds issued by G10 countries than the U.S.					

Duration

Form PF	Information about <i>qualifying hedge funds</i> that you advise (to be completed by <i>large private fund advisers</i> only)						Page 21 of 44		
Section 2b									
			1		1	T	I		
	sovereign bonds (including national bonds)								
•	uration								
	tate and local bonds								
	uration								
D	uranon								
Loans									
Lever	aged loans								
D	uration								
Certif	icates of deposit								
D	uration								
Other	loans (not including repos)								
D	uration								
			_	1	1	_	ı		
Repos									
Durat	ion								
	tured products				1	<u> </u>			
	S								
	uration								
	S								
_	uration								
	ry MBS								
	uration								
	ABS								
	uration								
	umer ABS								
	uration								
)								
	uration								
	······································								
D	uration	1	1	1	1	1	I		

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Section	n 2h

Information about qualifying hedge funds that you advise (to be completed by large private fund advisers only)

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Credit derivatives				
Single name CDS				
Index CDS				
Exotic CDS				
Foreign exchange derivatives				
Non-U.S. currency holdings				
	<u> </u>			
Interest rate derivatives				
Commodition (dominations)				
Commodities (derivatives)				
Crude oil				
Natural gas				
Gold				
Power				
Other commodities				
Commodities (physical)				
Crude oil				
Natural gas				
Gold				
Power				
Other commodities				
Other derivatives				
Investments in internal private funds				
Investments in external private funds				
Investments in registered investment companies				
conquintes			I	
Investments in funds for cash management purposes				
Cash and cash equivalents (other than instruments covered by another category above)				
Investments in other sub-asset classes		 		

28. Provide the following information regarding the liquidity of the *reporting fund's* portfolio.

Form PF Section 2b

Information about *qualifying hedge funds* **that you advise** (to be completed by *large private fund advisers* only)

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(Specify the percentage of the reporting fund's positions that may be liquidated within each of the periods specified below. Each investment should be assigned to only one period and such assignment should be based on the shortest period during which such position could reasonably be liquidated at or near its carrying value. Use good faith estimates for liquidity based on market conditions over the reporting period and assuming no fire-sale discounting (e.g., for listed equities, assume that you will not trade more than 20% of the 90 day average daily trading volume in a single day). In the event that individual positions are important contingent parts of the same trade, group all those positions under the liquidity period of the least liquid part (so, for example, in a convertible bond arbitrage trade, the liquidity of the short should be the same as the convertible bond). Exclude cash and cash equivalents.) (The total should add up to 100%.)

						% of po capable liquidate	of being
		1 da	ny or less				
		2 da	nys – 7 days				
		8 da	nys – 30 days				
		31 c	days – 90 days				
		91 c	days – 180 days				
		181	days – 364 days				
		365	days or longer				
					1st Month	2nd Month	3rd Month
29.	Dol	lar val	ue of reporting fund's unencumbered cash				
30.			aber of open positions (approximate), determined ach position and not the issuer or counterparty				
31.			open position of the <i>reporting fund</i> that represen <i>e</i> , provide the information requested below.	ts 5% or mo	re of the re	porting fund	l's net
	more as a acco	e posit single ounting	tion relates to investment portfolio concentratio tions in securities (or derivatives based on secur e position and the sub-asset class specified shoul g for the greatest proportion of the aggregate po Exclude cash and cash equivalent instruments.)	rities) of a si d be the sub	ngle issuer -asset class	should be tr of the secur	·eated
				% of net a	sset value	Sub-ass	set class
	(a)	First	t month of the reporting period			,	
		(i)	Position			[drop-down of	asset classes]
		(ii)	Position			[drop-down of	asset classes]

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Section 2b (to be completed by <i>large private fund advisers</i> only)					
	(b)	Seco	ond n	month of the reporting period	
		(i)	Po	sition	[drop-down of asset classes]
		(ii)	Po	sition	[drop-down of asset classes]
	(c)	Thir	d mo	onth of the reporting period	
		(i)	Po	sition	[drop-down of asset classes]
		(ii)	Po	sition	[drop-down of asset classes]
32.	respectand of (For with	ect to other purpo a rep	the r credi oses o o and	e top five trading counterparties listed in your response to Question reporting fund, provide the following information regarding the colit support that the counterparty has posted to the reporting fund. of this question, include as collateral any assets purchased in connid any collateral that the counterparty has posted to the reporting fund gement pursuant to which the reporting fund has loaned securities	lateral ection and
	coun	terpa	rty.)		
	marg	gin an	nouni	reparate collateral into initial margin/independent amount and var ts or a trade does not require posting of variation margin, then incl al in initial margin/independent amount.)	
	(a) (Count	erpai	rty [1, 2, 3, 4, 5]:	
	(i)	value	e of collateral posted in the form of cash and cash equivalents:	
			(x)	as initial margin/independent amounts	
			(y)	as variation margin	
	(e of collateral posted in the form of securities (other than <i>cash and equivalent</i> instruments):	
			(x)	as initial margin/independent amounts	
			(y)	as variation margin	
	(iii)	value	e of other collateral posted:	
			(x)	as initial margin/independent amounts	
			(y)	as variation margin	
	(amount of letters of credit (or other similar third party credit ort) posted	
	(v)	perce	entage of initial margin/independent amounts that:	
			(x)	may be rehypothecated	
			(y)	the reporting fund has rehypothecated	
	(vi)	perce	entage of variation margin that:	
			(x)	may be rehypothecated	
			(y)	the reporting fund has rehypothecated	

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33. For each of the top five trading counterparties listed in your response to Question 20 with respect to the reporting fund, provide the following information regarding the collateral and other credit support that the *reporting fund* has posted to the counterparty. (For purposes of this question, include as collateral any assets sold in connection with a reverse repo and any collateral that the reporting fund has posted to the counterparty under an arrangement pursuant to which the counterparty has loaned securities to the reporting fund.) (If you do not separate collateral into initial margin/independent amount and variation margin amounts or a trade does not require posting of variation margin, then include all of the collateral in initial margin/independent amount.) (a) Counterparty [1, 2, 3, 4, 5]: value of collateral posted in the form of cash and cash equivalents: (i) as initial margin/independent amounts..... (y) as variation margin..... value of collateral posted in the form of securities (other than cash and *cash equivalent* instruments): as initial margin/independent amounts..... (x) (y) as variation margin..... (iii) value of other collateral posted: as initial margin/independent amounts..... as variation margin..... (y) (iv) face amount of letters of credit (or other similar third party credit support) posted..... percentage of initial margin/independent amounts that may be (v) rehypothecated..... (vi) percentage of variation margin that may be rehypothecated Identify the three CCPs to which the reporting fund has the greatest net counterparty credit 34. exposure, measured as a percentage of the reporting fund's net asset value. (Margin held at a CCP typically represents the net counterparty credit exposure to the CCP. Where margin is held in a customer omnibus account at a CCP this should be considered exposure to the CCP rather than a trading counterparty. Any margin that a prime broker posts to a CCP on the reporting fund's behalf should be treated as margin posted by the reporting fund to the CCP.)

	Name of CCP	Exposure (% of NAV)
(a)	[Drop-down list of CCP names]	
	Other:	
(b)	[Repeat drop-down list of CCP names]	

Form PF Section 2b		Information about qualifying hedge funds that you advise (to be completed by large private fund advisers only)	Page 26 of 44
(c)	[R	Other:epeat drop-down list of CCP names] Other:	
Item C. R	eporti	ing fund risk metrics	
35. (a)	(Plea	ng the reporting period, did you regularly calculate the VaR of the reports are respond without regard to whether you reported the result of this nally or to investors.) Yes No	= -
(b)	(If yo	u responded "yes" to Question 35 (a), provide the following information to uregularly calculate the VaR of the reporting fund using multiple confidence interval, horizon and historical observation period, complete conse to this Question 35(b) for each such combination.)	abinations of
	(i)	Confidence interval used (e.g., 1 – alpha)	
	(ii)	Time horizon used (in number of days)	
	(iii)	What weighting method was used to calculate VaR?	
		☐ None ☐ Equal ☐ Geometric ☐ Other	er:
	(iv)	If you responded "geometric" to Question 35(b)(iii), provide the weighting factor used.	
	(v)	What method was used to calculate VaR?	
		☐ Historical simulation ☐ Monte Carlo simulation	
		Parametric Other:	
	(vi)	Historical lookback period used, if applicable (in number of years)	
	(vii)	VaR for the 1st month of the reporting period (as a % of NAV)	
	(viii)	VaR for the 2nd month of the reporting period (as a % of NAV)	
	(ix)	VaR for the 3rd month of the reporting period (as a % of NAV)	

36. For each of the market factors identified below, determine the effect of the specified changes on the *reporting fund's* portfolio and provide the results.

(You may omit a response to any market factor that you do not regularly consider (whether in formal testing or otherwise) in the reporting fund's risk management. If you omit any market factor, check the box in the first column indicating that this market factor is not relevant to the reporting fund's portfolio.)

(For each market factor, separate the effect on your portfolio into long and short components where (i) the long component represents the aggregate result of all positions with a positive change in valuation under a given stress scenario and (ii) the short component represents the aggregate result of all positions with a negative change in valuation under a given stress

Form PF Information about qualifying hedge funds that you advise Section 2b (to be completed by large private fund advisers only)

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scenario.)

(*Please note the following regarding the market factors identified below:*

- (i) A change in "equity prices" means that the prices of all equities move up or down by the specified amount, without regard to whether the equities are listed on any exchange or included in any index;
- (ii) "Risk free interest rates" means rates of interest accruing on sovereign bonds issued by governments having the highest credit quality, such as U.S. treasury bonds;
- (iii) A change in "credit spreads" means that all spreads against risk free interest rates change by the specified amount;
- (iv) A change in "currency rates" means that the values of all currencies move up or down by the specified amount relative to the reporting fund's base currency;
- (v) A change in "commodity prices" means that the prices of all physical commodities move up or down by the specified amount;
- (vi) A change in "option implied volatilities" means that the implied volatilities of all the options that the reporting fund holds increase or decrease by the specified number of percentage points; and
- (vii) A change in "default rates" means that the rate at which debtors default on all instruments of the specified type increases or decreases by the specified number of percentage points.)

Not relevant	Market factor – changes in market factor	Effect on long component of portfolio (as % of NAV)	Effect on short component of portfolio (as % of NAV)
	Equity prices:		
	Equity prices increase 5%		
	Equity prices decrease 5%		
	Equity prices increase 25%		
	Equity prices decrease 25%		
	Risk free interest rates:		
	Risk free interest rates increase 10bp		
	Risk free interest rates decrease 10bp		
	Risk free interest rates increase 100bp		
	Risk free interest rates decrease 100bp		
	Credit spreads:		
	Credit spreads increase 10bp		
	Credit spreads decrease 10bp		
	Credit spreads increase 300bp		

Form PF Section 2b	Information about <i>qualifying hedge funds</i> that you advise (to be completed by <i>large private fund advisers</i> only)	Page 28 of 44	
	Credit spreads decrease 300bp		
	Currency rates:		
	Currency rates increase 5%		
	Currency rates decrease 5%		
	Currency rates increase 25%		
	Currency rates decrease 25%		
	Commodity prices:		
	Commodity prices increase 10%		
	Commodity prices decrease 10%		
	Commodity prices increase 50%		
	Commodity prices decrease 50%		
	Option implied volatilities:	·	
	Implied volatilities increase 2 percentage points		
	Implied volatilities decrease 2 percentage points		
	Implied volatilities increase 10 percentage points		
	Implied volatilities decrease 10 percentage points		
	Default rates (ABS):		
	Default rates increase 1 percentage point		
	Default rates decrease 1 percentage point		
	Default rates increase 5 percentage points		
	Default rates decrease 5 percentage points		
	Default rates (corporate bonds):		
	Default rates increase 1 percentage point		
	Default rates decrease 1 percentage point		
	Default rates increase 5 percentage points		
	Default rates decrease 5 percentage points		

Item D. Financing information

37. For each month of the *reporting period*, provide the following information regarding the value of the *reporting fund's borrowings*, the types of creditors and the collateral posted to secure its *borrowings*.

(For each type of borrowing, information is requested regarding the percentage borrowed from specified types of creditors. In each case, the total percentages allocated among these types of

Form PF	Information about qualifying hedge funds that you advise	Page 29 of 44
Section 2b	(to be completed by <i>large private fund advisers</i> only)	

creditors should add up to 100%.)

			•	1st Month	2nd Month	3rd Month
(a)	Dol	lar am	ount of unsecured borrowing			
	(i)	Perce	entage borrowed from U.S. financial institutions			
	(ii)		entage borrowed from non-U.S. financial			
	(iii)		entage borrowed from creditors that are not <i>financial tutions</i>			
(b)	Seci	ured b	orrowing.			
	Glod prim net amo	bal Mo ne bro amou ount, 'l	secured borrowing according to the legal agreement gaster Repurchase Agreement for reverse repo and Prickerage). Please note that for reverse repo borrowing nt of cash borrowed (after taking into account and haircut' and repayments). Positions under a Global Matter than the netted.)	me Brokero gs, the amo y initial m	age Agreem ount should argin/indep	ent for be the endent
	(i)	Dolla	ar amount via prime brokerage			
		(A)	value of collateral posted in the form of cash and cash equivalents			
		(B)	value of collateral posted in the form of securities (other than <i>cash and cash equivalent</i> instruments).			
		(C)	value of other collateral posted			
		(D)	face amount of letters of credit (or other similar third party credit support) posted			
		(E)	percentage of posted collateral that may be rehypothecated			
		(F)	percentage borrowed from U.S. financial institutions			
		(G)	percentage borrowed from non-U.S. financial institutions			
		(H)	percentage borrowed from creditors that are not financial institutions			
	(ii)	throu in co	ar amount via reverse repo (for purposes of items (A) agh (E) below, include as collateral any assets sold nnection with the reverse repo as well as any attion margin)			
		(A)	value of collateral posted in the form of cash and cash equivalents			
		(B)	value of collateral posted in the form of securities (other than <i>cash and cash equivalent</i> instruments).			

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		(C)	value of other collateral posted			
		(D)	face amount of letters of credit (or other similar third party credit support) posted			
		(E)	percentage of posted collateral that may be rehypothecated			
		(F)	percentage borrowed from <i>U.S. financial</i> institutions			
		(G)	percentage borrowed from non-U.S. financial institutions			
		(H)	percentage borrowed from creditors that are not financial institutions			
	(iii)	Dolla	ar amount of other secured borrowings			
		(A)	value of collateral posted in the form of cash and cash equivalents			
		(B)	value of collateral posted in the form of securities (other than <i>cash and cash equivalent</i> instruments).			
		(C)	value of other collateral posted			
		(D)	face amount of letters of credit (or other similar third party credit support) posted			
		(E)	percentage of posted collateral that may be rehypothecated			
		(F)	percentage borrowed from U.S. financial institutions			
		(G)	percentage borrowed from non-U.S. financial institutions			
		(H)	percentage borrowed from creditors that are not financial institutions			
38.	the report (The value option sho (For items margin/in.	ing fur e of an ould be regar depend	of the reporting period, provide the following informated is derivative positions and the collateral posted to see y derivative should be its total gross notional value, exists delta adjusted notional value. Do not net long any arding collateral postings, if you do not separate collated amount and variation margin amounts or a trade in, then include all of the collateral in initial margin/in	ecure those secure that the deshort posi- deral into ini- does not re- dependent destate	positions. ne value of and itions.) tial quire posting nmount.) 2nd	n g of 3rd
				Month	Month	Month
	Aggregate	e value	e of all derivative positions of the <i>reporting fund</i>			
	(a) volue	of co	llateral posted in the form of cash and cash			

Information about qualifying hedge funds that you advise

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Forr Sect	n PF ion 2	b	Information about qualifying hedge funds that you (to be completed by large private fund advisers or		Page 31 of 4	.4
		equiv	valents:			
		(i) a	s initial margin/independent amounts			
		(ii) a	s variation margin			
	(b)		e of collateral posted in the form of securities (other than and cash equivalent instruments):			
		(i) a	s initial margin/independent amounts			
		(ii) a	s variation margin			
	(c)	value	e of other collateral posted:			
		(i) a	s initial margin/independent amounts			
		(ii) a	s variation margin			
	(d)		amount of letters of credit (or other similar third party t support) posted			
	(e)		entage of initial margin/independent amounts that may be pothecated			
	(f)	perce	entage of variation margin that may be rehypothecated			
39.	(a) l avai	Provid lable t	liquidity: e the aggregate dollar amount of <i>borrowing</i> by and cash fina to the <i>reporting fund</i> (including all drawn and undrawn, com mitted lines of credit as well as any term financing)	mitted		
	(b) l	Divide ow dep	e the amount reported in response to Question 39(a) among the bending on the longest period for which the creditor is contract in financing.	ne periods s	•	
	the dem of th	econor and ac his que	tor (or syndicate or administrative/collateral agent) is perminic terms of the financing or to revalue posted collateral in additional collateral, then the financing should be deemed understion. Uncommitted financing should be included under "1 should add up to 100%.)	its own discr committed fo	retion and or purposes	
	`		•		% of total financing	
		1 da	ay or less			
		2 da	ays – 7 days			
		8 da	ays – 30 days			
		31 0	days – 90 days			
		91 (days – 180 days			
		181	days – 364 days			
		365	days or longer			

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Information about qualifying hedge funds that you advise (to be completed by large private fund advisers only)

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Item E. Investor information

40.	Provide the following information regarding the <i>reporting fund's</i> use of side-pockets and restrictions on investor withdrawals and redemptions.								
	resti dete	Questions 40 and 41, please note that the standards for imposing ictions on withdrawals/redemptions may vary among funds. Maximination of the provisions that would likely be triggered during as significant market stress.)	ke a good faith						
	As o	f the data reporting date, what percentage of the reporting fund'	s net asset value, if						
	(a)	Is subject to a "side-pocket" arrangement							
	(b)	May be subjected to a suspension of investor withdrawals/reder an adviser or fund governing body (this question relates to an a governing body's right to suspend and not just whether a suspe- currently effective)	ndviser's or ension is						
	(c) May be subjected to material restrictions on investor withdrawals/ redemptions (e.g., "gates") by an adviser or fund governing body (this question relates to an adviser's or governing body's right to impose a restriction and not just whether a restriction has been imposed)								
	(d)	Is subject to a suspension of investor withdrawals/redemptions question relates to whether a suspension is currently effective a an adviser's or governing body's right to suspend)	and not just						
	(e)	Is subject to a material restriction on investor withdrawals/rede (e.g., a "gate") (this question relates to whether a restriction had imposed and not just an adviser's or governing body's right to restriction)	us been impose a						
41.	Inve	stor liquidity (as a % of <i>net asset value</i>):							
т1.	(Div the s rede but t rede	ide the reporting fund's net asset value among the periods specific shortest period within which invested funds could be withdrawn of emption payments, as applicable. Assume that you would impose that you would not completely suspend withdrawals/redemptions emption fees. Please base on the valuation date rather than the d	or investors could receive gates where applicable and that there are no						
	(1ne	total should add up to 100%.)	% of <i>NAV</i> locked for						
		1 day or less	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
		2 days – 7 days							
		8 days – 30 days							
		31 days – 90 days							

Form PF	ı advise	Page 33 of 44				
Section 2b	Section 2b (to be completed by <i>large private fund advisers</i> only)					
91 (days – 180 days					
181	days – 364 days					
365	days or longer					

	m PF ion 3	Information about liquidity funds that you a (to be completed by large private fund adviser		Page 34	of 44
Soct	ion 3	Information about <i>liquidity funds</i> that you advise.			
Seci		information about uqually junus that you advise.			
info	rmatio	complete a separate Section 3 for each <i>liquidity fund</i> that y n regarding <i>liquidity funds</i> as provided in the General Instruction <i>Reporting fund</i> identifying and operational information		You must agg	gregate
Tten	1 A. I	reporting juna identifying and operational information			
42.	(a)]	Name of the <i>reporting fund</i>			
	(b) .	Private fund identification number of the reporting fund			
43.		s the <i>reporting fund</i> use the amortized cost method of valuation t value?	n in computin	g its <i>net</i>	
		☐ Yes ☐ No			
44.	Doe:	s the <i>reporting fund</i> use the penny rounding method of pricing <i>e</i> ?	in computing	g its net asset	
		☐ Yes ☐ No			
45.	(a)	Does the <i>reporting fund</i> have a policy of complying with the of <i>rule 2a-7</i> ?	risk limiting	conditions	
		☐ Yes ☐ No			
	(b)	If you responded "no" to Question 45(a) above, does the <i>repo</i> of complying with the following provisions of <i>rule 2a-7</i> :	orting fund h	ave a policy	
		(i) the diversification conditions?	es 🗌	No	
		(ii) the credit quality conditions?	es \square	No	
		(iii) the liquidity conditions?	=	No	
		(iv) the maturity conditions?	es 🔲	No	
Iten	1 B. <i>R</i>	eporting fund assets			
46.	Prov	ide the following information for each month of the <i>reporting</i>	neriod		
	1101		1st Month	2nd Month	3rd Month
((a)	Net asset value of reporting fund			
	` ′	Net asset value per share of reporting fund			
(Market-based net asset value per share of reporting fund			
((d)	WAM of reporting fund			
((e)	WAL of reporting fund			
((f)	7-day gross yield of reporting fund			

Dollar amount of the reporting fund's assets that are daily

(g)

Form PF Section 3		Information about <i>liquidity</i> (to be completed by <i>large pri</i>			Page 35	of 44	
	liquid	assets					
(h)		amount of the reporting fund's assets t					
(i)		amount of the <i>reporting fund's</i> assets tity greater than 397 days					
(Gi eac phy tota not exp sho	ive the geth of the vsically, al gross ional voiced/manuel	roduct exposures by maturity for liquid gross dollar value of the reporting fund e following asset classes, divided by may synthetically or through derivatives. To notional value, except that the value of alue. Include any closed out and OTC atured. Do not net positions within assimicluded as assets of the reporting fundet should only be included in a single as	's position. turity. Inc The value of an option forward po et classes)	s as of the d lude all exp of any deriv should be i ositions that	ata reporting osure whet ative should to delta adjuste have not yet.	ng date in her held I be its usted et	
			1 day or less	2 days to 7 days	8 days to 30 days	31 days to 397 days	Greater than 397 days
Sovere	ign bon	ds and municipal bonds					
U.5	S. treasi	ury securities					
Aga	ency se	curities					
GS	E bond	s					
		bonds issued by G10 countries other .S					
		ereign bonds (including supranational					
U.S	S. state	and local bonds					
Instrui	ments i	ssued by U.S. financial institutions					
		l commercial paper					
AB	S and s	tructured products other than ABCP					
		es of deposit					
		ate notes					
Rej	_	_		l			
-1	Where	e assets purchased are <i>U.S. treasury</i> ties or agency securities					
	Where	e assets purchased are <i>corporate</i> that are <i>investment grade</i>					

Where other assets are purchased.....

	uments issued by companies organized in S. (other than U.S. financial institutions)	1	T	T	Γ
U	nsecured commercial paper				
co	orporate bonds (other than unsecured ommercial paper), loans, ABS, structured roducts and repos, combined				
Instru institu	uments issued by non-U.S. financial				
U	nsecured commercial paper				
A.	BCP				
A.	BS and structured products other than ABCP				
C	ertificates of deposit				
F	oating rate notes				
R_{i}	epos	_			
	Where assets purchased are <i>U.S. treasury</i> securities or agency securities				
	Where assets purchased are <i>corporate</i> bonds that are <i>investment grade</i>				
	Where other assets are purchased				
outsid institu U	ments issued by companies organized le the U.S. (other than non-U.S. financial utions) nsecured commercial paper				
co	ommercial paper), loans, ABS, structured roducts and repos, combined				
Other	instruments				
In	vestments in money market funds				
In	vestments in liquidity funds				
in	ash and cash equivalents (other than struments covered by another category pove)				

Information about liquidity funds that you advise

(to be completed by *large private fund advisers* only)

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Form PF

Section 3

48. For each open position of the *reporting fund* that represents 5% or more of the *reporting fund's net asset value*, provide the information requested below.

(This question relates to investment portfolio concentration. For purposes of this question, two or more positions in securities (or derivatives based on securities) of a single issuer should be treated as a single position and the sub-asset class specified should be the sub-asset class of the security accounting for the greatest proportion of the aggregate position.

Form PF Section 3			Information about <i>liquidity funds</i> that you advise (to be completed by <i>large private fund advisers</i> only)					of 44
Section	on 3		(to be completed by <i>large pr</i>	ivate fund d	<i>advisers</i> onl	y)		
	Do n	ot nei	t long and short positions. Exclude case	sh and cash	equivalent	instruments	s.)	
				•	% of net as	set value	Sub-ass	et class
	(a)	First	t month of the reporting period					
		(i)	Position				[drop-down of	asset classes
		(ii)	Position				[drop-down of	asset classes
	(b)	Seco	ond month of the reporting period					
		(i)	Position				[drop-down of	asset classes
		(ii)	Position				[drop-down of	asset classes
	(c)	Thir	d month of the reporting period	<u></u>				
		(i)	Position				[drop-down of	asset classes
		(ii)	Position				[drop-down of	asset classes
Item	C. F	inana	ing information					
			g					
49.	(a)		e amount of total borrowing reported i	_	to Question	9 equal to	or greater	
49.	,	than	5% of the reporting fund's net asset v Yes	alue? No			-	
49.	(a) (b)	If you deposit the in	Yes Ou responded "yes" to Question 49(a) a rowing reported in response to Question ending on the type of borrowing, the type porting fund may repay the principal	alue? No bove, divide 19 among to pe of credite amount of 19 among to 20 among to 20 amount of 19 amount of	le the dollar the periods tor and the l	amount of specified b atest date o	total elow on which	
49.	,	If you born dependent of the indefaunt own deem amount of the index of	Yes Yes Ou responded "yes" to Question 49(a) a rowing reported in response to Question and the type of borrowing, the type of borrowing, the type of borrowing.	alue? No bove, dividen 9 among to pe of credit amount of a mal fees. we/collateral per to lateral, therefor purpose the should be	the the dollar the periods at the borrowing all agent) is prevalue posing the borrowers of this quite treated see treated see	amount of specified be atest date on without permitted to ted collate ring should estion. Fo	total elow on which o vary ral in its	
49.	,	If you born depet the idefa unils own deer amo grou (The	Yes Ou responded "yes" to Question 49(a) a cowing reported in response to Question and indicate or addition and incurring penalties or addition creditor (or syndicate or administration and demand additional column and to have a maturity of 1 day or less retizing loans, each amortization payments.	alue? No bove, dividen 9 among to perfect of credit amount of anal fees. we/collateral or to lateral, therefor purpose the should be a payment of the below should be a payment of the should be a payment of th	the the dollar the periods at the periods at the borrowing and the borrowing at the borrowing of the borrowing of the period the treated sent the borrowing at the borrowing at the borrowing at the borrowing of this quantity at the borrowing at	amount of specified be atest date on without ted collate ving should estion. For eparately a	total elow on which o vary ral in its l be r	
49.	,	If you born depet the idefa unils own deer amo grou (The	Yes ou responded "yes" to Question 49(a) a cowing reported in response to Question and in the type of borrowing, the type of the principal and the principal and the principal and the economic terms of the final discretion and demand additional colored to have a maturity of 1 day or less retizing loans, each amortization payment at the economic terms of the final discretion and demand additional colored to have a maturity of 1 day or less retizing loans, each amortization payment with other borrowings based on it to total amount of borrowings reported to	alue? No bove, dividen 9 among to perfect of credit amount of anal fees. we/collateral or to lateral, therefor purpose the should be a payment of the below should be a payment of the should be a payment of th	the the dollar the periods at the periods at the borrowing and the borrowing at the borrowing of the borrowing of the period the treated sent the borrowing at the borrowing at the borrowing at the borrowing of this quantity at the borrowing at	amount of specified be atest date on without ted collate ving should estion. For eparately a	total elow on which o vary ral in its l be r	Greater than 39 days
	(b)	If you born depet the indefa (If a unill own deen amo grow (The born	Yes ou responded "yes" to Question 49(a) a cowing reported in response to Question and in the type of borrowing, the type of the principal and the principal and the principal and the economic terms of the final discretion and demand additional colored to have a maturity of 1 day or less retizing loans, each amortization payment at the economic terms of the final discretion and demand additional colored to have a maturity of 1 day or less retizing loans, each amortization payment with other borrowings based on it to total amount of borrowings reported to	alue? No bove, dividen 9 among to pe of credit amount of an and fees. we/collateral per to lateral, therefor purpose the should be so payment of below should in 9.)	the the dollar the periods at the borrowing agent) is prevalue posing the borrowers of this quote treated sendate.) Id equal the 2 days to	amount of specified be atest date on without permitted to ted collate ring should estion. For eparately a total amount 8 days to	total elow on which o vary ral in its l be r nd unt of 31 days to	than 39
	(b)	If you born dependent own deer among rown (The born and b	Yes ou responded "yes" to Question 49(a) a cowing reported in response to Question and the type of borrowing, the type of the principal and the principal and the principal and the economic terms of the final discretion and demand additional columned to have a maturity of 1 day or less artizing loans, each amortization payment and the total amount of borrowings reported to wing reported in response to Question and the principal and the prin	alue? No bove, dividen 9 among to pe of credit amount of an and fees. we/collateral per to lateral, therefor purpose the should be so payment of below should in 9.)	the the dollar the periods at the borrowing agent) is prevalue posing the borrowers of this quote treated sendate.) Id equal the 2 days to	amount of specified be atest date on without permitted to ted collate ring should estion. For eparately a total amount 8 days to	total elow on which o vary ral in its l be r nd unt of 31 days to	than 39
	(b) secure U.S.	If you born dependent own deer amongrous (The born deed	Yes ou responded "yes" to Question 49(a) a cowing reported in response to Question and in the type of borrowing, the type of the principal sulting or incurring penalties or additional creditor (or syndicate or administration and demand additional colonied to have a maturity of 1 day or less retizing loans, each amortization payment with other borrowings based on it is total amount of borrowings reported to wing reported in response to Question recovering to the proving the total amount of the proving the proving the proving the total amount of the proving the prov	alue? No bove, dividen 9 among to pe of credit amount of an and fees. we/collateral per to lateral, therefor purpose the should be so payment of below should in 9.)	the the dollar the periods at the borrowing agent) is prevalue posing the borrowers of this quote treated sendate.) Id equal the 2 days to	amount of specified be atest date on without permitted to ted collate ring should estion. For eparately a total amount 8 days to	total elow on which o vary ral in its l be r nd unt of 31 days to	than 39

U.S. financial institutions.....

Forn	n PF		Information about liquidity	funds tha	t you advis	se	Page 38	of 44
Secti	Section 3 (to be completed by <i>large private fund advisers</i> only)							
	Non-	US	inancial institutions					
		_	itors					
	Othe	ı cıcc	ittors					
50.	(a)	Doe	s the <i>reporting fund</i> have in place one o		mmitted liq	uidity facili	ties?	
			Yes	No				
	(b)	-	u responded "yes" to Question 50(a), p					
		amo	ant of commitments under the liquidity	facilities				
Item	D. I	nvest	or information					
	a			0.1		Г		
51.			e number of outstanding shares or units securities					
52.			e following information regarding inves					
			eses of this question, if you know that tw					
			rting fund <i>are</i> affiliated with each other efficial owner. Also, if you are aggregate					
	_		with the reporting fund in accordance with			-		
			treat the account owners as beneficial					
	(a)	Spe	ify the percentage of the reporting fund	l's equity	that is benef	ficially		
	,		ed by the beneficial owner having the la					
		repo	rting fund					
	(b)		many investors beneficially own 5% o	r more of	the reportin	ng fund's		
		equi	ry?					
53.	Prov	ide a	good faith estimate, as of the data report	rting date,	of the perce	entage of		
		•	ng fund's outstanding equity that was p		ısing <i>securi</i>	ties		
	lendi	ing co	llateral	•••••				
54.			e following information regarding the r	estrictions	on withdra	wals and		
		•	as by investors in the <i>reporting fund</i> .					
			tions 54 and 55, please note that the sta					
			s on withdrawals/redemptions may vary ion of the provisions that would likely l					
			nificant market stress.)	inggere	a auring co	mannons m	ii you	
		•	lata reporting date, what percentage of	the report	ino fund's v	net asset val	ue if	
	any:	i the t	and reporting date, what percentage of	the report	ing juna 5 i	ici assei vai	мс, п	
	(a)	Max	be subjected to a suspension of investo	r withdray	vals/redemr	ntions by		
	(a)	-	lviser or fund governing body (this que		_	-		
			rning body's right to suspend and not j					
		curi	ently effective)					
	(b)	May	be subjected to material restrictions on	investor				
		with	drawals/redemptions (e.g., "gates") by	an adviser	_	_		
		bod	(this question relates to an adviser's o	r governir	ıg body's ri	ght to		

Forn			Information about liquidity funds that you adv		Page 39 of 44
Secti	on 3		(to be completed by <i>large private fund advisers</i> or	ıly)	
	(c)	Is su	ose a restriction and not just whether a restriction has been abject to a suspension of investor withdrawals/redemptions (this	
		-	stion relates to whether a suspension is currently effective and dviser's or governing body's right to suspend)		
	(d)	(e.g.	abject to a material restriction on investor withdrawals/redent, a "gate") (this question relates to whether a restriction has osed and not just an adviser's or governing body's right to intriction)	s been mpose a	
55.	Inve	stor li	quidity (as a % of net asset value):		
	the s recei apple there	horte: ive rec icable	ed below deper investors cou impose gates v demptions and r than the data	eld where ! that	
				% of <i>NA</i>	V locked for
		1 da	ny or less		
		2 da	ays – 7 days		
		8 da	ays – 30 days		
		31 0	lays – 90 days		
		91 0	lays — 180 days		
		181	days – 364 days		

365 days or longer....

Form PF	Information about private equity funds that you advise	Page 40 of 4
Section 4	(to be completed by <i>large private fund advisers</i> only)	

Section 4: Information about private equity funds that you advise.

companies by maturity.

with other debt based on its payment date.)

You must complete a separate Section 4 for each *private equity fund* that you advise. You must aggregate information regarding *private equity funds* as provided in the General Instructions.

Item	Item A. Reporting fund identifying information					
56.	(a)	Name of the reporting fund				
	(b)	Private fund identification number of the reporting fund				
Item	B. R	eporting fund financing and investments				
57.	(a)	Does the <i>reporting fund</i> have in place one or more loan or other borrown. Yes No	owing facilities?			
		u responded "yes" to Question 57(a) above, provide the total outstanding facilities:	ng balance for all			
	(b)	As a dollar value				
	(c)	As a percentage of the reporting fund's unfunded commitments				
58.	(a)	Does the <i>reporting fund</i> guarantee the obligations of any portfolio conthe <i>reporting fund</i> invests?	mpany in which			
		☐ Yes ☐ No				
	-	u responded "yes" to Question 58(a) above, report the total value of all ations of the <i>reporting fund</i> :	such guarantee			
	(b)	As a dollar value				
	(c)	As a percentage of the reporting fund's unfunded commitments				
59.		t is the weighted average debt-to-equity ratio of the <i>controlled</i> iolio companies in which the reporting fund invests?				
	perce	ghting should be based on gross assets of each controlled portfolio contrage of the aggregate gross assets of the reporting fund's controlled panies.)				
60.		t is the highest debt-to-equity ratio of any <i>controlled portfolio</i> pany in which the reporting fund invests?				
61.		t is the lowest debt-to-equity ratio of any <i>controlled portfolio</i> pany in which the reporting fund invests?				
62.	Provi	ide a breakdown of the indebtedness of the reporting fund's controlled	portfolio			

(For amortizing debt, each amortization payment should be treated separately and grouped

Form PF Section 4

Information about *private equity funds* that you advise (to be completed by *large private fund advisers* only)

Page 41 of 44

				Maturity			_	Principa	al amount
	(5 mon	ths or less follo	wing the data report	ting dat	e	[
				ut less than or equal					
				ess than or equal to	-	_			
				less than or equal to					
]	More t	than 3 years foll	owing the data repo	orting d	ate			
63.		rolled		gregate indebtednes anies is payment-in-					
64.	expe	rience	an event of def	od, did the reporting ault under any of its digations for borrow	indent	ures, loan agr			
65.	(a)		e bridge loans o ?	portfolio company r commitments (sub		customary cor	_		
			Yes			No			
		Ш							
	(b)	or pa	art of any bridge	es" to Question 65(act loan or commitment such <i>person</i> , provide t.	nt to the	relevant con	trolled po	ortfolio	all
	(b)	or pa	art of any bridge pany. For each	e loan or commitmen such <i>person</i> , provid	nt to the	relevant con	trolled po tanding an Out an fina	ertfolio mount or tstanding nount of ancing, if	Amount of commitment if undrawn
		or pa	art of any bridge pany. For each mitment amoun	e loan or commitmen such <i>person</i> , provid t.	nt to the e the ap	relevant <i>con</i> oplicable outs	trolled po tanding an Out an fina	ertfolio mount or tstanding nount of	Amount of commitment
	[repe.	or pa	art of any bridge pany. For each mitment amoun	e loan or commitment such <i>person</i> , providet. Name	nt to the e the ap	relevant <i>con</i> oplicable outs	trolled po tanding an Out an fina	ertfolio mount or tstanding nount of ancing, if	Amount of commitment
	[repe. Other	or pa	p-down list of control of control of any bridge pany. For each mitment amount p-down list of control of contro	e loan or commitment such <i>person</i> , providet. Name	nt to the e the ap	relevant <i>con</i>	trolled po tanding an Out an fina	ertfolio mount or tstanding nount of ancing, if	Amount of commitment

Form PF	Information about private equity funds that you advise	Page 42 of 44
Section 4	(to be completed by <i>large private fund advisers</i> only)	

(b) If you responded "yes" to Question 66(a), then for each *financial industry portfolio* company in which the reporting fund invests, provide the following information.

Legal Name	Address of principal office (include city, state and country)	NAICS code	<i>LEI</i> , if any	Debt-to- equity ratio of portfolio company	% of reporting fund's gross assets invested in this portfolio company	% of portfolio company beneficially owned by the reporting fund

67. Provide a breakdown of the *reporting fund's* investments by industry, based on the *NAICS codes* of its portfolio companies.

(The total should add up to 100%.)

NAICS code some state of the st

68. Provide a geographical breakdown of the *reporting fund's* investments by percentage of gross asset value.

(Except for foreign exchange derivatives, investments should be allocated by the jurisdiction of organization of the issuer or counterparty, as applicable. In the case of foreign exchange derivatives, investments should be allocated by the country to whose currency the reporting fund has exposure through the derivative. The total should add up to 100%.)

(The value of any derivative should be its total gross notional value, except that the value of an option should be its delta adjusted notional value. Do not net long and short positions.)

Region	%		
Americas			
(a) Brazil			
(b) Canada			
(c) Mexico			

Form Section		Information about <i>private equity funds</i> that you advise (to be completed by <i>large private fund advisers</i> only)	Page 43 of 44
	(d) II	1 Ctatas	
		l States	
	(e) Other	Americas	
	Europe		
	(f) <i>EEA</i>		
	(g) Russia	1	
	(h) Other	Europe	
	Asia and l	Pacific	
	(i) Austra	ılia	
	(j) China	(including Hong Kong)	
	(k) India		
	(l) Japan.		
	(m) Korea,	, Republic of	
	(n) Middle	e East	
	(o) Other	Asia and Pacific	
	Africa		
	(p) South	Africa	
	(q) Other	Africa	
69.	•	any of your <i>related persons</i> invest in any companies that are portfolio s of the <i>reporting fund</i> , provide the aggregate dollar amount of these ts.	

Form PF	Request for temporary hardship exemption	Page 44 of 44
Section 5	(to be completed by <i>private fund advisers</i> requesting exemption)	

Section 5:	Request for temporary hardship exer	nption.
	1 1 1	±

	must c 204(b)	complete Section 5 if you are requesting a temporary hardship exemption pursuant to SEC -1(f).
A.	For v	which type of Form PF filing are you requesting a temporary hardship exemption?
	2.	If you are not a large private fund adviser: Initial filing Annual update Final filing If you are a large private fund adviser: Initial filing Quarterly update Filing to transition to annual reporting Final filing Final filing
B.		de the following information regarding your request for a temporary hardship aption (attach a separate page if additional space is needed).
	1.	Describe the nature and extent of the temporary technical difficulties when you attempt to submit the filing to the [Form PF filing system]:
	2.	Describe the extent to which you previously have submitted documents in electronic format with the same hardware and software that you are unable to use to submit this filing:
	3.	Describe the burden and expense of employing alternative means (e.g., a service provider) to submit the filing in electronic format in a timely manner:
	4.	Provide any other reasons that a temporary hardship exemption is warranted:

GLOSSARY OF TERMS

A. General terms

Advisers Act

U.S. Investment Advisers Act of 1940, as amended.

Affiliate

With respect to any *person*, any other *person* that directly or indirectly *controls*, is *controlled* by or is under common *control* with such person. The term *affiliated* means that two or more *persons* are *affiliates*.

Annual update

An update of this Form PF with respect to any fiscal year.

Borrowings

Secured borrowings and unsecured borrowings, collectively.

bp

Basis points.

Cash and cash equivalents

Cash (including U.S. and non-U.S. currencies), cash equivalents and government securities. For purposes of this definition:

- cash equivalents are: (i) bank deposits, certificates of deposit, bankers acceptances and similar bank instruments held for investment purposes;
 (ii) the net cash surrender value of an insurance policy; and (iii) investments in money market funds; and
- government securities are: (i) *U.S. treasury securities*; (ii) *agency securities*; and (iii) any certificate of deposit for any of the foregoing.

CCP

Central clearing counterparties (or central clearing houses), such as CC&G, CME Clearing, The Depository Trust & Clearing Corporation (including FICC, NSCC and Euro CCP), EMCF, Eurex Clearing, Fedwire, ICE Clear Europe, ICE Clear U.S., ICE Trust, LCH Clearnet Limited, LCH Clearnet SA, Options Clearing Corporation and SIX x-clear.

CEA

U.S. Commodity Exchange Act, as amended.

CFTC

U.S. Commodity Futures Trading Commission.

Combined money market and liquidity fund assets under management With respect to any adviser, the sum of: (i) such adviser's *liquidity fund assets* under management; and (ii) such adviser's regulatory assets under management that are attributable to money market funds that it advises.

Committed capital

Any commitment pursuant to which a *person* is obligated to acquire an interest in, or make capital contributions to, the *private fund*.

Commodity pool

A "commodity pool," as defined in section 1a(10) of the CEA.

Control

Has the meaning provided in Form ADV. The term controlled has a

corresponding meaning.

Controlled portfolio company

With respect to any *private equity fund*, a portfolio company that is *controlled* by the *private equity fund*, either alone or together with the *private equity fund's affiliates* or other *persons* that are part of a club or consortium including the *private equity fund*.

CPO

A "commodity pool operator," as defined in section 1a(11) of the CEA.

CTA

A "commodity trading advisor," as defined in section 1a(12) of the CEA.

Daily liquid assets Has the meaning provided in rule 2a-7.

Data reporting date In the case of an initial filing, the data reporting date is the last calendar day of

your most recently completed fiscal year (or, if you are a large private fund

adviser, the most recently completed calendar quarter).

In the case of an annual update, the data reporting date is the last calendar day of

your most recently completed fiscal year.

In the case of a quarterly update, the data reporting date is the last calendar day

of the most recently completed calendar quarter.

Duration The weighted average maturity of a portfolio comprised of the specified fixed

income assets, where the weights are the relative discounted cash flows in each

period.

EEA The European Economic Area. As of the effective date of this Form PF, the EEA

is comprised of: (i) the European Union member states, which are Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland,

France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania,

Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and the United Kingdom; and (ii) Iceland, Liechtenstein

and Norway.

Feeder fund See master-feeder arrangement.

Financial industry Any of the following: (i) a nonbank financial company, as defined in the

portfolio company Financial Stability Act of 2010; or (ii) a financial institution.

Financial institution Any of the following: (i) a bank or savings association, in each case as defined in

the Federal Deposit Insurance Act; (ii) a bank holding company or financial holding company, in each case as defined in the Bank Holding Company Act of 1956; (iii) a savings and loan holding company, as defined in the Home Owners' Loan Act; (iv) a Federal credit union, State credit union or State-chartered credit union, as those terms are defined in section 101 of the Federal Credit Union Act; (v) a Farm Credit System institution chartered and subject to the provisions of the Farm Credit Act of 1971; or (vi) an entity chartered or otherwise organized

outside the United States that engages in banking activities.

Firm The private fund adviser completing or amending this Form PF.

Form ADV, as promulgated and amended by the SEC.

Form ADV Section

7.B.1

Section 7.B.1 of Schedule D to Form ADV.

G10 The Group of Ten. As of the effective date of this Form PF, the G10 is comprised

of: Belgium, Canada, France, Germany, Italy, Japan, the Netherlands, Sweden,

Switzerland, the United Kingdom and the United States.

Gross asset value Value of gross assets, calculated in accordance with Part 1A, Instruction 6.e(3) of

Form ADV, provided that, for all purposes under this Form PF, assets held in parallel managed accounts should be treated as assets of the private funds with

which they are aggregated (see Instruction 5 of Form PF).

Hedge fund Any private fund that:

(a) has a performance fee or allocation calculated by taking into account

unrealized gains;

- (b) may borrow an amount in excess of one-half of its *net asset value* (including any *committed capital*) or may have gross notional exposure in excess of twice its *net asset value* (including any *committed capital*); or
- (c) may sell securities or other assets short.

Solely for purposes of this Form PF, a *commodity pool* satisfying the definition of "private fund" is categorized as a hedge fund.

For purposes of this definition, do not net long and short positions. Include any borrowings or notional exposure of another person that are guaranteed by the *private fund* or that the *private fund* may otherwise be obligated to satisfy.

Hedge fund assets under management

With respect to any adviser, *hedge fund assets under management* are the portion of such adviser's *regulatory assets under management* that are attributable to *hedge funds* that it advises.

Investment grade

A security is *investment grade* if it is sufficiently liquid that it can be sold at or near its carrying value within a reasonably short period of time and is subject to no greater than moderate credit risk.

Large private fund adviser

Any *private fund adviser* that is required to file Section 2a, 3 or 4 of Form PF. See Instruction 3 to determine whether you are required to file one or more of these sections.

LEI

With respect to any company, the "legal entity identifier" assigned by or on behalf of an internationally recognized standards setting body and required for reporting purposes by the U.S. Department of the Treasury's Office of Financial Research or a financial regulator. In the case of a *financial institution*, if a "legal entity identifier" has not been assigned, then provide the RSSD ID assigned by the National Information Center of the Board of Governors of the Federal Reserve System, if any.

Liquidity fund

Any *private fund* that seeks to generate income by investing in a portfolio of short term obligations in order to maintain a stable *net asset value* per unit or minimize principal volatility for investors.

Liquidity fund assets under management

With respect to any adviser, *liquidity fund assets under management* are the portion of such adviser's *regulatory assets under management* that are attributable to *liquidity funds* it advises (including *liquidity funds* that are also *hedge funds*).

LMV

Total market value of long positions, measured as specified in the instructions to this Form PF.

Market-based net asset value per share *Net asset value* per share calculated using available market quotations (or an appropriate substitute that reflects current market conditions), to the nearest hundredth of a cent. Exclude the value of any capital support agreement or similar arrangement.

Master fund

See *master-feeder* arrangement.

Master-feeder arrangement

An arrangement in which one or more funds ("feeder funds") invest all or substantially all of their assets in a single private fund ("master fund"). A fund would also be a feeder fund investing in a master fund for purposes of this definition if it issued multiple classes (or series) of shares or interests and each

class (or series) invests substantially all of its assets in a single master fund.

Maturity The maturity of the relevant asset, taking into account the maturity shortening

provisions contained in paragraph (d) of rule 2a-7.

Money market fund Has the meaning provided in rule 2a-7.

NAICS code With respect to any company, the six-digit North American Industry

Classification System code that best describes the company's primary business

activity and principal source of revenue.

Net assets under management

Net assets under management are your regulatory assets under management minus any outstanding indebtedness or other accrued but unpaid liabilities.

Net asset value or

NAV

With respect to any *reporting fund*, the gross assets reported in response to Question 7 minus any outstanding indebtedness or other accrued but unpaid

liabilities.

NFA The National Futures Association.

Non-investment grade

A security is non-investment grade if it is not an investment grade security.

Non-U.S. financial institution

Any of the following *financial institutions*: (i) a *financial institution* chartered outside the United States; (ii) a subsidiary of a *U.S. financial institution* that is separately incorporated or otherwise organized outside the United States; or (iii) a branch or agency that resides in the United States but has a parent that is a *financial institution* chartered outside the United States.

OTC With respect to any instrument, the trading of that instrument over the counter.

Other private fund Any private fund that is not a hedge fund, liquidity fund, private equity fund, real

estate fund, securitized asset fund or venture capital fund.

Parallel fund See parallel fund structure.

Parallel fund structure

A structure in which one or more *private funds* (each, a "*parallel fund*") pursues substantially the same investment objective and strategy and invests side by side in substantially the same positions as another *private fund*.

Parallel managed account

With respect to any *private fund*, a *parallel managed account* is any managed account or other pool of assets that you advise and that pursues substantially the same investment objective and strategy and invests side by side in substantially the same positions as the identified *private fund*.

Person Has the meaning provided in Form ADV.

Principal office and Has the meaning provided in Form ADV.

Principal office and place of business

Private equity fund

Any private fund that is not a hedge fund, liquidity fund, real estate fund,

securitized asset fund or venture capital fund and does not provide investors with

redemption rights in the ordinary course.

Private equity fund assets under management

With respect to any adviser, *private equity fund assets under management* are the portion of such adviser's *regulatory assets under management* that are

attributable to *private equity funds* it advises.

Private fund Any issuer that would be an investment company as defined in section 3 of the

Investment Company Act of 1940 but for sections 3(c)(1) or 3(c)(7) of that Act.

If any private fund has issued two or more series (or classes) of equity interests whose values are determined with respect to separate portfolios of securities and other assets, then each such series (or class) should be regarded as a separate private fund. This only applies with respect to series (or classes) that you manage as if they were separate funds and not a fund's side pockets or similar

arrangements.

Private fund adviser Any investment adviser that (i) is registered or required to register with the SEC

(including any investment adviser that is also registered or required to register with the CFTC as a CPO or CTA) and (ii) advises one or more private funds.

Qualifying hedge

fund

Any hedge fund that has a net asset value individually, or in combination with any parallel funds and/or parallel managed accounts, of at least \$500 million as of the close of business on any day during the most recently completed calendar quarter.

An update of this Form PF with respect to any calendar quarter. Quarterly update

Real estate fund Any private fund that is not a hedge fund, that does not provide investors with

redemption rights in the ordinary course and that invests primarily in real estate

and real estate related assets.

Regulatory assets under management Regulatory assets under management, calculated in accordance Part 1A,

Instruction 5.b of Form ADV, provided that, for all purposes under this Form PF, assets held in parallel managed accounts should be treated as assets of the private

funds with which they are aggregated (see Instruction 5 of Form PF).

Related person Has the meaning provided in Form ADV.

Reporting period With respect to an annual update, the twelve month period ending on the data

reporting date.

With respect to a *quarterly update*, the three month period ending on the *data*

reporting date.

Reporting fund A private fund as to which you must report information on Form PF.

> Typically, each *private fund* is a *reporting fund*. This includes *parallel funds*, each of which is a separate reporting fund. However, only the master fund in any master-feeder arrangement should be identified as the reporting fund with respect

to any such arrangement. See Instructions 3 and 5.

Risk limiting conditions

The conditions specified in paragraphs (c)(2) (maturity), (c)(3) (quality), (c)(4)

(diversification), and (c)(5) (liquidity) of rule 2a-7.

Rule 2a-7 Rule 2a-7 promulgated by the SEC under the Investment Company Act of 1940.

SEC U.S. Securities and Exchange Commission.

Obligations for borrowed money in respect of which the borrower has posted Secured borrowing

collateral or other credit support. For purposes of this definition, reverse repos

are secured borrowings.

Securities lending collateral

Cash pledged to the reporting fund's beneficial owners as collateral in respect of securities lending arrangements.

Securitized asset fund

Any private fund that is not a hedge fund and that issues asset backed securities

and whose investors are primarily debt-holders.

7-day gross yield

Based on the 7 days ended on the *data reporting date*, calculate the *liquidity fund*'s yield by determining the net change, exclusive of capital changes and income other than investment income, in the value of a hypothetical pre-existing account having a balance of one share at the beginning of the period and dividing the difference by the value of the account at the beginning of the base period to obtain the base period return, and then multiplying the base period return by (365/7) with the resulting yield figure carried to at least the nearest hundredth of one percent. The 7-day gross yield should not reflect a deduction of shareholders fees and fund operating expenses.

SMV

Total market value of short positions, measured as specified in the instructions to this Form PF.

Sub-asset class

Each sub-asset class identified in Questions 23 and 27.

Total gross

The gross nominal or notional value of all transactions that have been entered into but not yet settled as of the *data reporting date*. For contracts with variable nominal or notional principal amounts, the basis for reporting is the nominal or notional principal amounts as of the *data reporting date*.

Turnover rate

Divide the lesser of amounts of purchases or sales of securities or other investments for the month by the average value of the securities or other investments owned by the *hedge funds* during the month.

Calculate the average value by totaling the values of securities and other investments as of the beginning and as of the end of the month and dividing the sum by 2. The value of any derivative should be its *total gross* notional value, except that the value of an option should be its delta adjusted notional value.

Do not net long and short positions. However, in relation to derivatives, packages such as call-spreads may be treated as a single position (rather than as a long position and a short position)

Purchases include any cash paid upon the conversion of one security into another and the cost of rights or warrants. Sales include net proceeds of the sale of rights and warrants and net proceeds of securities that have been called or for which payment has been made through redemption or maturity. Include proceeds from a short sale in the value of the securities sold during the period; include the cost of covering a short sale in the value of securities purchased during the period. Include premiums paid to purchase options in the value of securities purchased during the period; include premiums received from the sale of options in the value of the securities sold during the period.

U.S. financial institution

Any of the following *financial institutions*: (i) a *financial institution* chartered in the United States (whether federally-chartered or state-chartered); (ii) a subsidiary of a *non-U.S. financial institution* that is separately incorporated or otherwise organized in the United States; or (iii) a branch or agency that resides outside the United States but has a parent that is a *financial institution* chartered in the United States.

Unencumbered cash

The fund's *cash and cash equivalents* minus the sum of the following (without duplication): (i) *cash and cash equivalents* transferred to a collateral taker pursuant to a title transfer arrangement; and (ii) *cash and cash equivalents* subject to a security interest, lien or other encumbrance (this could include *cash and cash equivalents* in an account subject to a control agreement).

Unfunded Committed capital that has not yet been contributed to the private equity fund by

commitments investors.

United States person Has the meaning provided in rule 203(m)-1 under the Advisers Act, which

includes any natural person that is resident in the United States.

Unsecured Obligations for borrowed money in respect of which the borrower has not posted

borrowing collateral or other credit support.

VaR For a given portfolio, the loss over a target horizon that will not be exceeded at

some specified confidence level.

Venture capital fund Any private fund meeting the definition of venture capital fund in rule 203(1)-1 of

the Advisers Act.

WAL Weighted average portfolio maturity of a *liquidity fund* calculated taking into

account the maturity shortening provisions contained in paragraph (d) of

rule 2a-7, but determined without reference to the exceptions in paragraph (d) of

rule 2a-7 regarding interest rate readjustments.

WAM Weighted average portfolio maturity of a *liquidity fund* calculated taking into

account the maturity shortening provisions contained in paragraph (d) of rule 2a-

7.

Weekly liquid assets Has the meaning provided in rule 2a-7.

B. Types of securities and instruments

ABCP Asset backed commercial paper, including (but not limited to) structured

investment vehicles, single-seller conduits and multi-seller conduit programs. Provide the market value of all investments in *ABCP*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

ABS Securities derived from the pooling and repackaging of cash flow producing

financial assets.

Agency MBS Agency mortgage-backed securities (whether residential or commercial).

Provide the market value of all investments in *agency MBS*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

Agency securities Any security issued by a person controlled or supervised by and acting as an

instrumentality of the government of the United States pursuant to authority granted by the Congress of the United States and guaranteed as to principal or

interest by the United States.

Provide the market value of all investments in agency securities. Include bond

derivatives.

Auto ABS ABS secured by automobile loans.

Provide the market value of all investments in auto ABS, but do not include any

positions held via *CDS* (these should be recorded in the *CDS* category).

CDO Collateralized debt obligations (including cash flow and synthetic) other than

CLO, agency MBS, CMBS, RMBS, auto ABS and consumer ABS.

Provide the market value of all investments in *CDOs*, but do not include any

positions held via *CDS* (these should be recorded in the *CDS* category).

CDS Credit default swaps, including any LCDS.

LMV should be the total gross notional value of protection written and SMV

should be the *total gross* notional value of protection bought.

CLO Collateralized loan obligations other than CDO, agency MBS, CMBS, RMBS, auto

ABS and consumer ABS.

Provide the market value of all investments in *CLOs*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

CMBS Commercial mortgage backed securities, other than agency MBS.

Provide the market value of all investments in *CMBS*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

Commodities Has the meaning provided in the CEA. Include ETFs that hold commodities.

For questions regarding *commodity* derivatives, provide the value of all exposure to *commodities* that you do not hold physically, whether held synthetically or

through derivatives (whether cash or physically settled).

Consumer ABS ABS secured by loans to consumers other than RMBS and auto ABS.

Provide the market value of all investments in *consumer ABS*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

Convertible bonds Convertible corporate bonds (not yet converted into shares or cash).

Provide the market value of all investments in *convertible bonds*. Include bond derivatives, but <u>do not</u> include any positions held via *CDS* (these should be

recorded in the CDS category).

Corporate bonds Bonds, debentures and notes, including commercial paper, issued by corporations

and other non-governmental entities. Do not include preferred equities.

Provide the market value of all investments in *corporate bonds*. Include bond derivatives, but <u>do not</u> include any positions held via *CDS* (these should be

recorded in the CDS category).

Credit derivatives Single name CDS, index CDS and exotic CDS.

Crude oil For questions regarding crude oil derivatives, provide the value of all exposure to

crude oil that you do not hold physically, whether held synthetically or through

derivatives (whether cash or physically settled).

ETF Exchange-traded fund.

Exotic CDS CDSs referencing bespoke baskets or tranches of CDOs, CLOs and other

structured investment vehicles, including credit default tranches.

Provide the *total gross* notional value of all investments in *Exotic CDSs. LMV* should be the *total gross* notional value of protection written and *SMV* should be

the *total gross* notional value of protection bought.

Foreign exchange

derivative

Any derivative whose underlying asset is a currency other than U.S. dollars or is an exchange rate. Cross-currency interest rate swaps should be included in *foreign exchange derivatives* and excluded from *interest rate derivatives*.

Provide the *total gross* notional value of outstanding transactions (or, in the case of options, the delta adjusted notional value of outstanding transactions). Only

one currency side of every transaction should be counted.

Gold For questions regarding gold derivatives, provide the value of all exposure to gold

that you do not hold physically, whether held synthetically or through derivatives

(whether cash or physically settled).

GSE bonds Notes, bonds and debentures issued by private entities sponsored by the U.S.

federal government but not guaranteed as to principal and interest by the U.S.

federal government.

Provide the market value of all investments in *GSE bonds*. Include bond derivatives, but do not include any positions held via *CDS* (these should be

recorded in the CDS category).

Index CDS CDSs referencing a standardized basket of credit entities, including CDS indices

and indices referencing leveraged loans.

Provide the *total gross* notional value of all investments in *Index CDSs*. *LMV* should be the *total gross* notional value of protection written and *SMV* should be

the total gross notional value of protection bought.

Interest rate derivative

Any derivative whose underlying asset is the obligation to pay or the right to receive a given amount of money accruing interest at a given rate. Cross-currency interest rate swaps should be included in *foreign exchange derivatives*

and excluded from interest rate derivatives.

Provide the *total gross* notional value of outstanding transactions (or, in the case of options, the delta adjusted notional value of outstanding transactions). This

information must be presented in terms of 10-year bond-equivalents.

Investments in external private funds

Investments in *private funds* that neither you nor your *related persons* advise

(other than cash management funds).

Investments in internal private funds

Investments in private funds that you or any of your related persons advise (other

than cash management funds).

Investments in other sub-asset classes

Any investment not included in another sub-asset class.

Investments in registered investment companies

Investments in registered investment companies (other than cash management

funds).

LCDS Loan credit default swaps.

Leveraged loans Loans that are made to entities whose senior unsecured long term indebtedness is

non-investment grade. This may include loans made in connection with the

financing structure of a leveraged buyout.

Provide the market value of all investments in *leveraged loans*, but <u>do not</u> include

any positions held via *LCDS* (these should be recorded in the *CDS* category).

Listed equity Direct beneficial ownership of equities, including preferred equities, listed on a

regulated exchange. Do not include synthetic or derivative exposures to equities. *ETFs* should be categorized based on the assets that the fund holds and should only be included in *listed equities* if the fund holds *listed equities* (e.g., a

commodities *ETF* should be categorized based on the commodities it holds).

Provide the market value of all investments in *listed equities*.

Listed equity derivatives

All synthetic or derivative exposures to equities, including preferred equities, listed on a regulated exchange. Include single stock futures, equity index futures, dividend swaps, total return swaps (contracts for difference), warrants and rights. Provide the *total gross* notional value of outstanding transactions (or, in the case of options, the delta adjusted notional value of outstanding transactions).

Natural gas

For questions regarding natural gas derivatives, provide the value of all exposure to natural gas that you do not hold physically, whether held synthetically or through derivatives (whether cash or physically settled).

Other ABS

ABS products that are not covered by another sub-asset class.

Provide the market value of all investments in *other ABS*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

Other commodities

Commodities other than crude oil, natural gas, gold and power. All types of oil and energy products (aside from crude oil and natural gas), including (but not limited to) ethanol, heating oil propane and gasoline, should be included in this category.

For questions regarding *other commodity* derivatives, provide the value of all exposure to *other commodities* that you do not hold physically, whether held synthetically or through derivatives (whether cash or physically settled).

Other derivatives

Any derivative not included in another sub-asset class.

Provide the *total gross* notional value of outstanding transactions (or, in the case of options, the delta adjusted notional value of outstanding transactions).

Other loans

All loans other than *leveraged loans* and certificates of deposit. *Other loans* includes (but is not limited to) bilateral or syndicated loans to corporate entities. Provide the market value of all investments in *other loans*, but <u>do not</u> include any positions held via *LCDS* (these should be recorded in the *CDS* category).

Other structured products

Any structured products not included in another sub-asset class.

Provide the market value of all investments in *other structured products*, but <u>do</u> <u>not</u> include any positions held via *CDS* (these should be recorded in the *CDS*

category).

Power

For questions regarding power derivatives, provide the value of all exposure to power that you do not hold physically, whether held synthetically or through derivatives (whether cash or physically settled).

Repo

Any purchase of securities coupled with an agreement to sell the same (or similar) securities at a later date at an agreed upon price.

Provide the market value of all investments in *repos*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

Reverse repo

Any sale of securities coupled with an agreement to repurchase the same (or

similar) securities at a later date at an agreed upon price.

RMBS

Residential mortgage backed securities, other than *agency MBS*. Provide the market value of all investments in *RMBS*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

Single name CDS CDSs referencing a single entity.

Provide the *total gross* notional value of all investments in *single name CDSs*. LMV should be the *total gross* notional value of protection written and SMV should be the *total gross* notional value of protection bought.

Sovereign bonds Any notes, bonds and debentures issued by a national government (including

central governments, other governments and central banks but excluding U.S. state and local governments), whether denominated in a local or foreign currency. Provide the market value of all investments in *sovereign bonds*. Include bond derivatives, but <u>do not</u> include any positions held via *CDS* (these should be

recorded in the CDS category).

Structured products Pre-packaged investment products, typically based on derivatives and including

structured notes.

Unlisted equity Direct beneficial ownership of equities, including preferred equities, that are not

listed on a regulated exchange. Do not include synthetic or derivative exposures

to equities.

Provide the market value of all investments in *unlisted equities*.

Unlisted equity All synthetic or derivative exposures to equities, including preferred equities, that derivatives are not listed on a regulated exchange. Include single stock futures, equity index

are not listed on a regulated exchange. Include single stock futures, equity index futures, dividend swaps, total return swaps (contracts for difference), warrants and

rights.

Provide the total gross notional value of outstanding transactions (or, in the case

of options, the delta adjusted notional value of outstanding transactions).

U.S. treasury Direct obligations of the U.S. Government.

securities Provide the market value of all investments in U.S. treasury securities. Include

U.S. treasury security derivatives.

WBS Whole business securitizations.

Provide the market value of all investments in *WBS*, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).