#### **FORM PF (Paper Version)**

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

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#### 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*.

AND

C. You and your *related persons*, collectively, had at least \$150 million in *private fund assets under management* as of the last day of your most recently completed fiscal year.

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 *large hedge fund advisers* and *large liquidity fund advisers* will need to file every quarter. *Large hedge fund advisers* will need to file a current report in Section 5 and advisers to *private equity funds* will need to file a current report in Section 6, upon certain *reporting events*. See Instructions 3, 9, and 12 below.

For purposes of determining whether you meet the reporting threshold, you are not required to include the *regulatory assets under management* of any *related person* that is *separately operated*. See Instruction 5 below for more detail.

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 not a *United States person*, was not offered in the United States, and was not 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 hedge fund advisers

Section 2a You are required to complete Section 2a if you and your *related persons*, collectively, had at least \$1.5 billion in *hedge fund assets under management* as of the last day of any month in the fiscal quarter immediately preceding your most recently completed fiscal quarter. You are not required to include the *regulatory assets under management* of any *related person* that is *separately operated*.

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:

if you are reporting separately on the funds of a *parallel fund structure* that, in the aggregate, comprises 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* or *parallel fund structure* in accordance with Instruction 5, you should only complete a separate Section 2b with respect to the *reporting fund* for such *master-feeder arrangement* or *parallel fund structure*.

#### Section 3 – Large liquidity fund advisers

Section 3 You are required to complete Section 3 if (i) you advise one or more *liquidity funds* and (ii) as of the last day of any month in the fiscal quarter immediately preceding your most recently completed fiscal quarter, you and your *related persons*, collectively,

had at least \$1 billion in combined money market and liquidity fund assets under management. You are not required to include the regulatory assets under management of any related person that is separately operated.

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 or parallel fund structure in accordance with Instruction 5, you should only complete a separate Section 3 with respect to the *reporting fund* for such master-feeder arrangement or parallel fund structure.

#### Section 4 – Large private equity advisers

Section 4 You are required to complete Section 4 if you and your *related persons*, collectively, had at least \$1.5 billion in *private equity fund assets under management* as of the last day of your most recently completed fiscal year. You are not required to include the *regulatory assets under management* of any *related person* that is *separately operated*.

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 or parallel fund structure in accordance with Instruction 5, you should only complete a separate Section 4 with respect to the *reporting fund* for such master-feeder arrangement or parallel fund structure.

#### Section 5 – Current report for large hedge fund advisers

Section 5 is the current reporting form about *qualifying hedge funds*. You must complete and file Section 5 for any *reporting event* with respect to a *qualifying hedge fund* you advise.

#### Section 6 – Current report for advisers to private equity funds

Section 6 Section 6 is the current reporting form about *private equity funds*. You must complete and file Section 6 for any *reporting event* with respect to a *private equity fund* you advise.

#### Section 7 – Advisers requesting a temporary hardship exemption

Section 7 See Instruction 14 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 the adviser that filed *Form ADV Section 7.B.1* with respect to any *private fund* is required to file Form PF, the same adviser must also complete and file Form PF for that *private fund*. If the adviser that filed *Form ADV Section 7.B.1* with respect to any *private fund* is not required to file Form PF (e.g., because it is an *exempt reporting adviser*) and one or more other advisers to the fund is required to file Form PF, another adviser must 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.

<u>Reporting thresholds</u>. For purposes of determining whether you meet any reporting threshold, you must aggregate *parallel funds*, *dependent 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. You are not required, however, to aggregate *private funds* or *parallel managed accounts* of any *related person* that is *separately operated*.

Responding to questions. When reporting on individual funds, you may provide information regarding master-feeder arrangements or parallel fund structures either in the aggregate or separately, provided that you do so consistently throughout the Form. (For example, you may complete either a single Section 1b for all of the funds in a master-feeder arrangement or a separate Section 1b for each fund in the arrangement, but you must then take the same approach when completing other applicable sections of the Form.) 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 are not required to report information regarding parallel managed accounts (except in Question 11). You should not report information for any private fund 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 additional details.

#### 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 may, but are not required to, report are part of the same *master-feeder* answers on an aggregated basis for any arrangement (even if you did not, or were *private funds* that are part of the same not permitted to, aggregate these private master-feeder arrangement (even if you funds for purposes of Form ADV Section did not, or were not permitted to, aggregate these private funds for purposes of Form 7.B.1ADV Section 7.B.1) You must aggregate any *private funds* that You may, but are not required to, report are part of the same parallel fund structure answers on an aggregated basis for any *private funds* that are part of the same parallel fund structure You are not required to report information Any dependent parallel managed account must be aggregated with the largest *private* regarding parallel managed accounts *fund* to which that *dependent parallel* (except in Question 11) managed account 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 advised by any of your related related persons as though it were advised persons unless you have identified that by you (including related persons that you related person in Question 1(b) as a related have not identified in Question 1(b) as person for which you are filing Form PF related persons for which you are filing Form PF, though you may exclude related *persons* that are *separately operated*)

# 6. I am required to aggregate funds or accounts to determine whether I meet a reporting threshold, or I am electing to aggregate funds 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.

Where you are aggregating *dependent parallel managed accounts* to determine whether you meet a reporting threshold, assets held in the 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 purposes of determining whether the funds comprise a *qualifying hedge* fund, 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. If you elect to aggregate the master-feeder arrangement for reporting purposes, the treatment would be the same.

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 *dependent 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 *dependent parallel managed account* should be treated as a single *private fund* whose only asset is \$900 of *corporate bonds* issued by Company X.

If you elect to aggregate the *parallel fund structure* for reporting purposes, you would disregard the *dependent parallel managed account*, so the result would be a single *private fund* whose only asset is \$700 of *corporate bonds* issued by Company X.

### 7. I advise a *private fund* that invests in other *private funds* (e.g., a "fund of funds"). How should I treat these investments for purposes of Form PF?

<u>Investments in other private funds generally.</u> For purposes of this Form PF, you may disregard any private fund's equity investments in other private funds. However, if you disregard these investments, you must do so consistently (e.g., do not include disregarded investments in the net asset value used for determining whether the fund is a "hedge fund"). For Question 17, even if you disregard these assets, you may report the performance of the entire fund and are not required to recalculate performance in order to exclude these investments. Do not disregard any liabilities, even if incurred in connection with these investments.

<u>Funds that invest substantially all of their assets in other private funds</u>. If you advise a *private fund* that (i) invests substantially all of its assets in the equity of *private funds* for which you are not an

adviser and (ii) aside from such *private fund* investments, holds only *cash and cash equivalents* and instruments acquired for the purpose of hedging currency exposure, then you are only required to complete Section 1b for that fund. For all other purposes, you should disregard such fund. For example, where questions request aggregate information regarding the *private funds* you advise, do not include the assets or liabilities of any such fund.

Solely for purposes of this Instruction 7, you may treat as a *private fund* any issuer formed under the laws of a jurisdiction other than the United States that has not offered or sold its securities in the United States or to *United States persons* but that would be a *private fund* if it had engaged in such an offering or sale.

Notwithstanding the foregoing, you must include disregarded assets in responding to Question 10.

### 8. I advise a *private fund* that invests in companies that are not *private funds*. How should I treat these investments for purposes of Form PF?

Except as provided in Instruction 7, investments in funds should be included for all purposes under this Form PF. You are not, however, required to "look through" a fund's investments in any other entity unless the Form specifically requests information regarding that entity or the other entity's primary purpose is to hold assets or incur leverage as part of the *reporting fund's* investment activities.

#### 9. When am I required to update Form PF?

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

Periodic filings (large hedge fund advisers) Within 60 calendar days after the end of your first, second and third fiscal quarters, you must file a *quarterly update* that updates the answers to all Items in this Form PF relating to the *hedge funds* that you advise.

Within 60 calendar days after the end of your fourth fiscal quarter, you must file a *quarterly update* that updates the answers to all Items in this Form PF. You may, however, submit an initial filing for the fourth quarter that updates information relating only to the *hedge funds* that you advise so long as you amend your Form PF within 120 calendar days after the end of the quarter to update information relating to any other *private funds* that you advise. When you file such an amendment, you are not required to update information previously filed for such quarter.

Periodic filings (large liquidity fund advisers)

Within 15 calendar days after the end of your first, second and third fiscal quarters, you must file a *quarterly update* that updates the answers to all Items in this Form PF relating to the *liquidity funds* that you advise.

Within 15 calendar days after the end of your fourth fiscal quarter, you must file a *quarterly update* that updates the answers to all Items in this Form PF. You may, however, submit an initial filing for the fourth quarter that updates information relating only to the *liquidity funds* that you advise so long as you amend your Form PF within 120 calendar days after the end of the quarter to update information relating to any other *private funds* that you advise (subject to the next paragraph). When you file such an amendment, you are not required to update information previously filed for such quarter.

If you are both a *large liquidity fund adviser* and a *large hedge fund adviser*, you must file your *quarterly updates* with respect to the *liquidity funds* that you advise within 15 calendar days and with respect to the *hedge funds* you advise within 60 calendar days.

### Periodic filings (all other advisers)

Within 120 calendar days after the end of your fiscal year, you must file an *annual update* that updates the answers to all Items in this Form PF.

Large hedge fund advisers and large liquidity fund advisers are not required to file annual updates but instead file quarterly updates for the fourth quarter.

#### Transition filing

If you are transitioning from quarterly to annual filing because you are no longer a *large hedge fund adviser* or *large liquidity 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 quarterly filing. You must file your transition filing no later than the last day on which your next *quarterly update* would be timely.

Current reports (large hedge fund advisers and advisers to private equity funds) Large hedge fund advisers must file a current report in Section 5 and advisers to private equity funds must file a current report in Section 6, upon certain reporting events. See Section 5 and Section 6, respectively, for filing deadlines.

#### 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.

#### 10. 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* and following the instructions on Form ADV for generating a new number. 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* for additional information regarding the acquisition and use of *private fund* identification numbers.

#### 11. 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*.

#### 12. How do I file my Form PF?

You must file Form PF electronically through the Form PF filing system on the Investment Adviser Registration Depository website (www.iard.com), which contains detailed filing instructions. Questions regarding filing through the Form PF filing system should be addressed to the Financial Industry Regulatory Authority (FINRA) at 240-386-4848.

If you are a *large hedge fund adviser* filing a current report in Section 5, only file Section 5. Do not file any other sections of the form. If you are an adviser to *private equity funds* filing a current report in Section 6 only file Section 6. Do not file any other sections of the form. For all other types of filings, file the applicable sections as provided in Instruction 3.

#### 13. 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/iard and http://www.iard.com.

#### 14. 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 7 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).

### 15. May I rely on my own methodologies in responding to Form PF? How should I enter requested information?

You may respond to this Form using your own internal methodologies and the conventions of your service providers, provided the information is consistent with information that you report internally and to current and prospective investors. However, your methodologies must be consistently applied and your responses must be consistent with any instructions or other guidance relating to this Form. You may explain any of your methodologies, including related assumptions, in Question 4.

In responding to Questions on this Form, the following guidelines apply <u>unless otherwise</u> specifically 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 requests information expressed as a percentage, enter the response as a percentage (not a decimal) and round to the nearest one percent;
- if a question requests a monetary value, provide the information in U.S. dollars as of the *data* reporting *date*, rounded to the nearest thousand;
- if a question requests a numerical value other than a percentage or a dollar value, provide information rounded to the nearest whole number:
- if a question requests information regarding a "position" or "positions," you should determine whether a set of legal and contractual rights constitutes a "position" in a manner consistent with your internal recordkeeping and risk management procedures (e.g., some advisers may record as a single position two or more partially offsetting legs of a transaction entered into with the same counterparty under the same master agreement, while others may record these as separate positions);
- if a question requires you to distinguish long positions from short positions, classify positions in a manner consistent with your internal recordkeeping and risk management procedures (provided that, for CDS, exotic CDS, index CDS, and single name CDS, the protection seller should be viewed as long and the protection buyer should be viewed as short);
- do not net long and short positions;
- for derivatives (other than options), "value" means *gross notional value*; for options, "value" means delta adjusted notional value; for all other investments and for all *borrowings* where the reporting fund is the creditor, "value" means market value or, where there is not a readily available market value, fair value; for *borrowings* where the reporting fund is the debtor, "value" means the value you report internally and to current and prospective investors; and
- for questions 20, 21, 25, 28, and 35, the numerator you use to determine the percentage of *net asset value* should be measured on the same basis as *gross asset value* and may result in responses that total more than 100%.

#### 16. How do I amend Form PF, for example, to make a correction?

If you discover that information you filed on Form PF was not accurate at the time of filing, you may correct the information by re-filing and checking the box in Section 1a, Section 5, or Section 6, as applicable, indicating that you are amending a previously submitted filing. You are not required to update information that you believe in good faith properly responded to Form PF on the date of filing even if that information is subsequently revised for purposes of your recordkeeping, risk management or investor reporting (such as estimates that are refined after completion of a subsequent audit).

Large hedge fund advisers and large liquidity fund advisers that comply with their fourth quarter filing obligations by submitting an initial filing followed by an amendment in accordance with Instruction 9 will not be viewed as affirming responses regarding one fund solely by providing updated information regarding another fund at a later date.

#### 17. How may I preserve on Form PF the anonymity of a *private fund* that I advise?

If you seek to preserve the anonymity of a *private fund* that you advise by maintaining its identity in your books and records in numerical or alphabetical code, or similar designation, pursuant to rule 204-2(d), you may identify the *private fund* on Form PF using the same code or designation in place of the fund's name.

### 18. May I report on Form PF regarding a *commodity pool* that is not a *private fund*? How should I treat the *commodity pool* for purposes of Form PF?

If you are otherwise required to report on Form PF, you may report information regarding any *commodity pool* you advise on Form PF, even if it is not a *private fund*. Properly reporting on Form PF regarding the *commodity pool* will constitute substitute compliance with CFTC reporting requirements to the extent provided in *CEA* rule 4.27.

Commodity pools should be treated as *hedge funds* for purposes of Form PF. If you are reporting on Form PF regarding a *commodity pool* that is not a *private fund*, then treat it as a *private fund* for purposes of Form PF. However, such a *commodity pool* is not required to be included when determining whether you exceed one or more reporting thresholds. If such a *commodity pool* is a *qualifying hedge fund* and you are otherwise required to report information in section 2a of Form PF, then you must report regarding the *commodity pool* in section 2b of Form PF.

#### Federal Information Law and Requirements for a Collection of Information

Section 204(b) of the *Advisers Act* [15 U.S.C. § 80b-4(b)] authorizes the *SEC* to collect the information that Form PF requires. The information collected on Form PF is designed to facilitate the Financial Stability Oversight Council's ("FSOC") monitoring of systemic risk in the private fund industry and to assist FSOC in determining whether and how to deploy its regulatory tools with respect to nonbank financial companies. The *SEC* and *CFTC* may also use information collected on Form PF in their regulatory programs, including examinations, investigations and investor protection efforts relating to private fund advisers. Filing Form PF is mandatory for advisers that satisfy the criteria described in Instruction 1 to the Form. *See also* 17 C.F.R. § 275.204(b)-1. The SEC does not intend to make public information reported on Form PF that is identifiable to any particular adviser or *private fund*, although the SEC may use Form PF information in an enforcement action. *See* Section 204(b) of the *Advisers Act*.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid control number. The Office of Management and Budget has reviewed this collection of information under 44 U.S.C. § 3507. Any member of the public may direct any comments concerning the accuracy of the burden estimate and any suggestion for reducing this burden to: Secretary, U.S. Securities and Exchange Commission, 100 F Street NE, Washington, DC 20549.

Form PF	Information about you and your related persons	Page 1 of 55
Section 1a	(to be completed by all Form PF filers)	

#### Section 1a: Information about you and your related persons

Check the box that indicate	es what you would like to	do:		
	a large hedge fund advise		fund adviser:	
•	it your first filing on Forn		y	
	r the period ended:			
	it an <i>annual update</i>			
	r the period ended:			
	d a previously submitted:			
	r the period ended:	_		
	it a final filing			
<u> </u>	est a temporary hardship e	exemption		
	rge hedge fund adviser or	-	d adviser:	
•	it your first filing on Forn			
	r the [1st, 2nd, 3rd, 4th] c		ed:	
	it a <i>quarterly update</i> (incl			
	r the [1st, 2nd, 3rd, 4th] c		- '	
Amen	d a previously submitted	- filing		
fo	r the [1st, 2nd, 3rd, 4th] c	quarter, which ende	ed:	
	tion to annual reporting	-		
Subm	it a final filing			
☐ Reque	st a temporary hardship e	exemption		
Item A. Information abo	out you			
<ol> <li>(a) Provide your nar</li> </ol>	ne and the other identifying	ng information requ	uested below.	
•	your full legal name. If y	-		vour last
	e names. If you are a SIL			•
Please use the s	same name that you use ir	<i>your</i> Form ADV.	)	
Legal name	SEC 801-Number	NFA ID Number, if any	Large trader ID, if any	Large trader ID suffix, if any
	owing information for eaceporting information on t		ersons, if any, with	respect to
Legal name	SEC 801-Number	NFA ID Number, if any	Large trader ID, if any	Large trader ID suffix, if any
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Form PF	Information about you and your related persons	Page 2 of 55
Section 1a	(to be completed by all Form PF filers)	

2. Signatures of sole proprietor or authorized representative (see Instruction 11 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).

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, the *firm*, each *related person* for which I am signing this Form PF, and I shall 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*.

material omission therefrom shall constitute a violation	of section $o(c)(2)$ 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 <i>person(s)</i> identified below.	with the authority of, the <i>related</i>
To the extent that Section 1 or 2 of this Form PF is file obligation imposed by <i>CEA</i> rule 4.27, each <i>related per</i> that any false or misleading statement of a material fac	son identified below and I shall accept
shall constitute a violation of section $6(c)(2)$ of the CE.	
shall constitute a violation of section 6(c)(2) of the CE. Name of each <i>related person</i> on behalf of which this	
shall constitute a violation of section $6(c)(2)$ of the <i>CE</i> . Name of each <i>related person</i> on behalf of which this individual is signing:	
shall constitute a violation of section 6(c)(2) of the <i>CE</i> . Name of each <i>related person</i> on behalf of which this individual is signing:  Name of individual:	
shall constitute a violation of section 6(c)(2) of the CE.  Name of each related person on behalf of which this individual is signing:  Name of individual:  Signature:	
shall constitute a violation of section 6(c)(2) of the CE.  Name of each related person on behalf of which this individual is signing:  Name of individual:  Signature:  Title:	
shall constitute a violation of section 6(c)(2) of the CE.  Name of each related person on behalf of which this individual is signing:  Name of individual:  Signature:  Title:  Email address:  Telephone contact number (include area code and, if	

Form PF	Information about you and your related persons	Page 3 of 55
Section 1a	(to be completed by all Form PF filers)	

#### Item B. Information about assets of private funds that you advise

3. Provide a breakdown of your *regulatory assets under management* and your *net assets under management* as follows:

(If you are filing a quarterly update for your first, second or third fiscal quarter, you are only required to update row (a), in the case of a large hedge fund adviser, or row (b), in the case of a large liquidity fund adviser.)

	Regulatory assets under management	Net assets under management
(a) Hedge funds		
(b) Liquidity funds		
(c) Private equity funds		
(d) Real estate funds		
(e) Securitized asset funds		
(f) Venture capital funds		
(g) Other private funds		
(h) Funds and accounts other than <i>private funds</i> ( <i>i.e.</i> , the remainder of your assets under management)		

#### Item C. Miscellaneous

4. 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 relating to 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	

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

Page 4 of 55

### Section 1b: Information about the *private funds* you advise

Sul	oject to Instruction 5, you must complete a separate Section 1b for each private fund that you advise.
Ite	m A. Reporting fund identifying information
5.	(a) Name of the reporting fund
	(b) Private fund identification number of the reporting fund
	(c) NFA identification number of the reporting fund, if applicable
	(d) LEI of the reporting fund, if applicable
6.	Check "yes" below if the <i>reporting fund</i> is the <i>master fund</i> of a <i>master-feeder arrangement</i> and you are reporting for all of the funds in the <i>master-feeder arrangement</i> on an aggregated basis. Otherwise, check "no."
	(See Instruction 5 for information regarding aggregation of master-feeder arrangements. If you respond "yes," do not complete a separate Section 1b, 1c, 2b, 3 or 4 with respect to any of the feeder funds.)
	☐ Yes ☐ No
7.	(a) Check "yes" below if the <i>reporting fund</i> is the largest fund in a <i>parallel fund structure</i> and you are reporting for all of the funds in the structure on an aggregated basis. Otherwise, check "no."
	(See Instruction 5 for information regarding aggregation of parallel funds. If you respond "yes," do not complete a separate Section 1b, 1c, 2b, 3 or 4 with respect to any of the other parallel funds in the structure.)
	If you responded "yes" to Question 7(a), complete (b) through (e) below for each other <i>parallel fund</i> in the <i>parallel fund structure</i> .
	(b) Name of the parallel fund
	(c) Private fund identification number of the parallel fund
	(d) NFA identification number of the parallel fund, if applicable
	(e) LEI of the parallel fund, if applicable
Ite	m B. Assets, financing and investor concentration
8.	Gross asset value of reporting fund
	(This amount may differ from the amount you reported in response to question 11 of Form ADV Section 7.B.1. For instance, the amounts may not be the same if you are filing Form PF on a quarterly basis, if you are aggregating a master-feeder arrangement for purposes of this Form PF and you did not aggregate that master-feeder arrangement for purposes of Form ADV Section 7.B.1. or if you are aggregating parallel funds for purposes of this Form PF.)
Q	Net asset value of reporting fund

Form PF Section 1b		Information about the <i>private funds</i> you advise (to be completed by all Form PF filers)	Page 5 of 55			
10.	Value of r	reporting fund's investments in equity of other private funds				
11.	Value of a	all parallel managed accounts related to the reporting fund				
	(If any of your parallel managed accounts relates to more than one of the private funds advise, only report the value of the account once, in connection with the largest privat which it relates.)					
12.		ne following information regarding the <i>value</i> of the <i>reporting fund's borro</i> of creditors.	wings and			
	you are a	not required to respond to this question for any reporting fund with respect Inswering Question 43 in Section 2b. Do not net out amounts that the repo Treditors or the value of collateral pledged to creditors.)				
		entages borrowed from the specified types of creditors should add up to ately 100%.)				
	(a) Dolla:	r amount of total borrowings				
	(b) Percen	ntage borrowed from U.S. financial institutions				
	(c) Perce	ntage borrowed from non-U.S. financial institutions				
	(d) Perce	ntage borrowed from U.S. creditors that are not financial institutions				
	(e) Perce	ntage borrowed from non-U.S. creditors that are not financial institutions				
13.	(a) Does t	the <i>reporting fund</i> have any outstanding derivatives positions?  No				
		responded "yes" to Question 13(a), provide the aggregate <i>value</i> of all tives positions of the <i>reporting fund</i>				
		not required to respond to Question 13 for any reporting fund with respect to aswering Question 44 in Section 2b.)	o which			
14.	below. For investors a order to rep	summary of the <i>reporting fund's</i> assets and liabilities categorized using the r assets and liabilities that you report internally and to current and prospect is representing fair value, or for which you are required to determine fair value, port the <i>reporting fund's</i> regulatory assets under management on Form AD them into the following categories based on the valuation assumptions utilities.	rive alue in DV,			
	Level 1 – Quoted prices (unadjusted) in active markets for identical assets or liabilities.					
		Other than quoted prices included within Level 1 that are observable for the ither directly or indirectly.	e asset or			
		Unobservable inputs, such as your assumptions or the fund's assumptions the fair value of the asset or liability.	used to			
	as represent required to management	sets and liabilities that you report internally and to current and prospective nting a measurement attribute other than fair value, and for which you are a determine fair value in order to report the <i>reporting fund's</i> regulatory assent on Form ADV, separately report these assets and liabilities in the "costent column.	not ets under			

(If the fund's financial statements are prepared in accordance with U.S. generally accepted accounting principles ("U.S. GAAP") or another accounting standard that requires the

Form PF Section 1b

### Information about the *private funds* you advise (to be completed by all Form PF filers)

Page 6 of 55

categorization of assets and liabilities using a fair value hierarchy similar to that established under U.S. GAAP, then respond to this question using the fair value hierarchy established under the applicable accounting standard.)

(This question requires the use of fair values and cost-based measurements, which may be different from the values contemplated by Instruction 15. You are only required to respond to this question if you are filing an annual update or a quarterly update for your fourth fiscal quarter.)

	•		Fair	value					
		Level	l Leve	el 2 L	evel 3	Cost-based			
	Assets	\$	\$	<b></b> \$	\$_				
	Liabilities	\$	<b> \$</b>	<b></b> \$	\$				
15.		he five benefic		eporting fund's equithe largest equity into		cially			
	, .			hat two or more ber ald treat them as a s					
16.		approximate p groups of invest		eporting fund's equi	ty that is benefic	cially owned by the			
	respect to or after the	beneficial inter	ests outstanding pr y respond to this q	he total should add ior to March 31, 20 uestion using good j	012, that have no	ot been transferred on			
	(a) Individuals that are <i>United States persons</i> (including their trusts)								
	(b) Individuals that are not <i>United States persons</i> (including their trusts)								
	(c) Broker-dealers								
	(d) Insurar	nce companies							
	(e) Investment companies registered with the SEC								
	(f) Private funds								
	(g) Non-pr	ofits							
	(h) Pensio	n plans (exclud	ing governmental	pension plans)					
	(i) Bankir	ng or thrift insti	tutions (proprietar	y)					
				excluding governme					
	(k) State of	(k) State or municipal governmental pension plans							
			_	cial institutions					
	(m) Investo benefic because	ors that are not cial ownership se the beneficial	United States persinformation is not linterest is held the	ons and about which known and cannot rough a chain involv	n the foregoing easonably be ob ving one or more	otained e third-			
	(n) Other.								

Form PF Information about the *private funds* you advise Page 7 of 55
Section 1b (to be completed by all Form PF filers)

#### Item C. Reporting fund performance

17. Provide the *reporting fund's* gross and net performance, as reported to current and prospective investors (or, if calculated for other purposes but not reported to investors, as so calculated). If the fund reports different performance results to different groups of investors, provide the most representative results. You are required to provide monthly and quarterly performance results only if such results are calculated for the *reporting fund* (whether for purposes of reporting to current or prospective investors or otherwise).

(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.)

(Enter your responses as percentages <u>rounded to the nearest one-hundredth of one percent</u>. Performance results for monthly and quarterly periods should not be annualized. If any period precedes the date of the fund's formation, enter "NA". You are not required to include performance results for any period with respect to which you previously provided performance results for the reporting fund on Form PF.)

Not of

		Last day of fiscal period	Gross performance	management fees and incentive fees and allocations
(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 <i>reporting fund's</i> fiscal year			
(g)	6th month of reporting fund's fiscal year			
(h)	Second quarter			
(i)	7th month of <i>reporting fund's</i> 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			
(o)	12th month of reporting fund's fiscal year			
(p)	Fourth quarter			
(q)	Reporting fund's most recently completed fiscal year			

Form PF	Information about the hedge funds you advise	Page 8 of 55
Section 1c	(to be completed by all Form PF filers that advise <i>hedge funds</i> )	

### 

#### Item B. Certain information regarding the reporting fund

19. Does the *reporting fund* have a single primary investment strategy or multiple strategies?

Single primary strategy

Multi-strategy

(b) Private fund identification number of the reporting fund .....

20. Indicate which of the investment strategies below best describe the *reporting fund's* strategies. For each strategy that you have selected, provide a good faith estimate of the percentage of the *reporting fund's net asset value* represented by that strategy. If, in your view, the *reporting fund's* allocation among strategies is appropriately represented by the percentage of deployed capital, you may also provide that information.

(Select the investment strategies that best describe the reporting fund's strategies, even if the descriptions below do not precisely match your characterization of those strategies; select "other" only if a strategy that the reporting fund uses is significantly different from any of the strategies identified below. You may refer to the reporting fund's use of these strategies as of the data reporting date or throughout the reporting period, but you must report using the same basis in future filings.)

(The strategies listed below are mutually exclusive (i.e., do not report the same assets under multiple strategies). If providing percentages of capital, the total should add up to approximately 100%.)

Strategy	% of <i>NAV</i> (required)	% of capital (optional)
Equity, Market Neutral		
☐ Equity, Long/Short		
☐ Equity, Short Bias		
☐ Equity, Long Bias		
☐ Macro, Active Trading		
☐ Macro, Commodity		
☐ Macro, Currency		
☐ Macro, Global Macro		

Form Section		Information about t (to be completed by all Forn			of 55	
				, ,		
	Rela	tive Value, Fixed Income Asset B	Backed			
	Rela	tive Value, Fixed Income Conver	tible Arbitrage			
	☐ Rela	tive Value, Fixed Income Corpora	ate			
	Rela	tive Value, Fixed Income Soverei	gn			
	☐ Rela	tive Value, Volatility Arbitrage				
	☐ Ever	nt Driven, Distressed/Restructurin	g			
	☐ Even	nt Driven, Risk Arbitrage/Merger	Arbitrage			
	☐ Even	nt Driven, Equity Special Situation	ns			
	☐ Cred	lit, Long/Short				
	☐ Cred	lit, Asset Based Lending				
	☐ Man	naged Futures/CTA, Fundamental				
	☐ Man	naged Futures/CTA, Quantitative				
	☐ Inve	stment in other funds				
	Othe	er:				
21. During the reporting period, approximately what percentage of the reporting fund's net asset value was managed using high-frequency trading strategies?  (In your response, please do not include strategies using algorithms solely for trade execution. This question concerns strategies that are substantially computer-driven, where decisions to place bids or offers, and to buy or sell, are primarily based on algorithmic responses to intraday price action in equities, futures and options, and where the total number of shares or contracts traded throughout the day is generally						
,	signijicanii 	by larger than the net change in portion $\Box$ less than 10%	$\Box$ 10-25%	© the next.)  ☐ 26-50%		
	☐ 51-75%	<u></u>	☐ 10-25% ☐ 100% or more	<del>_</del>		
•	counterpar (For purpo exposures guarantees regarded a (In your re and (ii) an	e five counterparties to which the ty credit exposure, measured as a coses of this question, you should may be contractually or legally is or may otherwise be obligated the counterparties for purposes of the exponse, you should take into account you should not take into account you should not take into account you should not take into account the counterparties into account you should not take into accounterparties.	percentage of the rep treat affiliated entities set-off or netted across satisfy the obligation his question.) ount: (i) mark-to-man	orting fund's net asset value ries as a single group to the oss those entities and/or one ons of another. CCPs shouther the gains and losses on deserted.	e. ne exten e affiliate ald not be	

(ii) holdings of debt or equity securities issued by the counterparty.)

Form PF Section 1c	Information about (to be completed by all Fo	Page 10 of 55	
	Legal name of the counterparty (or, if multiple affiliated entities, counterparties)	Indicate below if the counterparty is affiliated with a major financial institution	Exposure (% of reporting fund's net asset value)
(a)		[drop-down list of counterparty names]	
		Other:	
		[Not applicable]	
(h)		[drop-down list of counterparty names]	
(b)		Other:	
		[Not applicable]	
(a)		[drop-down list of counterparty names]	
(c)		Other:	
		[Not applicable]	
(d)		[drop-down list of counterparty names]	
(u)		Other:	
		[Not applicable]	
(e)		[drop-down list of counterparty names]	
(6)		Other:	
		[Not applicable]	
and/o anoth (In yo deriv (How	or one affiliate guarantees or may ot er. CCPs should not be regarded as our response, you should take into a catives; and (ii) any loans or loan con ever, you should not take into acco	ount: (i) margin posted to the counter	igations of stion.) losses on
(11)	Legal name of the counterparty (or, if multiple affiliated entities, counterparties)	Indicate below if the counterparty is affiliated with a major financial institution	Exposure (% of reporting fund's net asset value)
(a)		[drop-down list of counterparty names]	
		Other:	
		[Not applicable]	
(b)		[drop-down list of counterparty names]	
(b)		Other:	
		[Not applicable]	
(a)		[drop-down list of counterparty names]	
(c)		Other:	
		[Not applicable]	
(d)		[drop-down list of counterparty names]	

Other: \_

[Not applicable]

	Form PF		Information ab	Page 11 of 55	
Section	on 1	c	(to be completed by all	Form PF filers that advise <i>hedge funds</i> )	
	(e)			[drop-down list of counterparty names] Other: [Not applicable]	
	duri (Pro repo tran syste cust whe both (The	ng the povide gorting for saction em and tomer of the report the recording total is	reporting period.  ood faith estimates of the mound, and not the market as any, whether entered into on a life whether long or short. With omnibus account at a CCP shot collateral is held at a custo po buyer and the repo seller in each part of this question s	should add up to 100%. Enter "NA" in each	eared by the ade" includes any ling facility or othe margin is held in party repo applies ird party agent to
	ques	stion fo	or which the reporting fund en	ngaged in no relevant trades.)	%
	(a)	were t	raded by the reporting fund: On a regulated exchange	Securities (other than derivatives) that	
	(b)		ated % (in terms of trade volu	umes) of derivatives that were traded by	
				wap execution facility	
	(c)		ated % (in terms of trade volu porting fund and:	umes) of <i>derivatives</i> that were traded by	
		(	Cleared by a CCP		
		E	Bilaterally transacted (i.e., no	t cleared by a CCP)	
	(d)		ated % (in terms of <i>value</i> ) of <i>ting fund</i> and:	repo trades that were entered into by the	
		(	Cleared by a CCP		
		E	Bilaterally transacted (i.e., no	t cleared by a CCP)	
		(	Constitute a tri-party repo		
	that		t described in any of the cat	d's net asset value relates to transactions regories listed in items (a) through (d) of	

Form PF Section 2a

### Aggregated information about *hedge funds* that you advise (to be completed by *large private fund advisers* only)

Page 12 of 55

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

#### Item A. Exposure of *hedge fund* assets

#### 26. 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. Enter "NA" in each space for which there are no relevant positions.)

(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.)

(Where "duration/WAT/10-year eq." is required, provide at least one of the following with respect to the position and indicate which measure is being used: bond duration, weighted average tenor or 10-year bond equivalent. Duration and weighted average tenor should be entered in terms of years to two decimal places.)

	1st Mo	onth	2nd Month		3rd Month	
	LV	SV	LV	SV	LV	SV
Listed equity						
Issued by financial institutions						
Other listed equity						
Unlisted equity						
Issued by financial institutions			1	1		
Other unlisted equity						
Listed equity derivatives	-		1	1		
Related to financial institutions						
Other listed equity derivatives						
Derivative exposures to unlisted equities	1					
Related to financial institutions						
Other derivative exposures to unlisted						
equities						
Corporate bonds issued by financial						
institutions (other than convertible bonds)	-			, ,	,	
Investment grade						
☐ Duration ☐ WAT ☐ 10-year eq						
Non-investment grade						
☐ Duration ☐ WAT ☐ 10-year eq						

Form PF
Section 2a

# Aggregated information about *hedge funds* that you advise (to be completed by *large private fund advisers* only)

Page 13 of 55

Corporate bonds not issued by financial institutions (other than convertible bonds)				
Investment grade				
☐ Duration ☐ WAT ☐ 10-year eq				
Non-investment grade				
☐ Duration ☐ WAT ☐ 10-year eq				
Convertible bonds issued by financial institutions	<b>-</b>			
Investment grade				
☐ Duration ☐ WAT ☐ 10-year eq				
Non-investment grade				
☐ Duration ☐ WAT ☐ 10-year eq				
Convertible bonds not issued by financial institutions	_			
Investment grade				
☐ Duration ☐ WAT ☐ 10-year eq				
Non-investment grade				
☐ Duration ☐ WAT ☐ 10-year eq				
Sovereign bonds and municipal bonds				
U.S. treasury securities				
☐ Duration ☐ WAT ☐ 10-year eq				
Agency securities				
☐ Duration ☐ WAT ☐ 10-year eq				
GSE bonds				
☐ Duration ☐ WAT ☐ 10-year eq				
Sovereign bonds issued by G10 countries other than the U.S.				
☐ Duration ☐ WAT ☐ 10-year eq				
Other <i>sovereign bonds</i> (including supranational bonds)				
☐ Duration ☐ WAT ☐ 10-year eq				
U.S. state and local bonds				
☐ Duration ☐ WAT ☐ 10-year eq				
Loans				
Leveraged loans				

m PF	Aggregated information about	hedge fur	ds that y	ou advis	se	Page 14 o	f 55
ction 2a (to be completed by large private fund advisers only)							
	Duration WAT 10-year eq						
Other	r loans (not including repos)						
	Duration WAT 10-year eq						
		•					
Repos							
-	uration WAT 10-year eq						
_		•		'		•	
ABS/struc	tured products						
	Duration WAT 10-year eq						
	)						
	Duration WAT 10-year eq						
	CLO						
	Duration WAT 10-year eq						
Other	ABS						
	Duration WAT 10-year eq						
	structured products						
Omer	siruciui eu producis	ı	1			I	
Credit der	ivatives						
	name CDS						
_	CDS						
	: CDS						
LNotte						<u> </u>	
Foreign ex	schange derivatives (investment)						
_	schange derivatives (hedging)						
_	currency holdings						
Tron C.S. v	currency norumgs	ı	l 1			1	
Interest ra	te derivatives						
Truci est i d							
Commodit	ies (derivatives)						
	oil						
	al gas						
	<u></u>						
	commodities						
Oiner	commountes						
Commodit	ies (physical)						
	e oil						
	al gas						
ivaiur	ui zus	I			l		l

Sect	tion 2a	(to be completed by <i>large pr</i>	ivate fund	advisers	only)			
	Gold.							
	Powe	r						
	Other	commodities						
					·			
	Other deri	ivatives						
					ı			
	Physical re	eal estate						
	•		'		•		-	
	Investmen	ts in internal private funds						
		ts in external private funds						
	Investmen	ts in registered investment						
	companies	S						
		cash equivalents	I		1	I		
	Certif	icates of deposit						
		☐ Duration ☐ WAT ☐ 10-year eq						
		deposits						
	Mone	y market funds						
		cash and cash equivalents ading government securities)						
		ts in funds for cash management other than <i>money market funds</i> )						
	Investmen	ts in other sub-asset classes						
27.	For each month of the <i>reporting period</i> , provide the <i>value</i> of turnover during the month in each of the asset classes listed below for the <i>hedge funds</i> that you advise.							
	(The value	e of turnover should be the sum of the al	bsolute val	lues <i>of tr</i>	ansactio	ns in the		
	relevant a	sset class during the period.)						
			1st M	onth	2nd I	Month	3rd M	Ionth
	Listed equ	ity						
		bonds (other than convertible						
		le bonds						
	Sovereign	bonds and municipal bonds			I		I	
	U.S. t	reasury securities						
		cy securities						
		bonds						
		reign bonds issued by G10 countries						
		than the U.S.						
		sovereign bonds (including national bonds)						

Aggregated information about hedge funds that you advise

Page 15 of 55

Form PF

Form PF			Aggregated information about hedge funds the		Page 16 of 55
Sect	ion 2a		(to be completed by <i>large private fund advi</i>	isers only)	
	Ţ	U.S. s	state and local bonds		
	Futur	res			
28.			le a geographical breakdown of the investments held batage of the total net asset value of these hedge funds).	y the <i>hedge funds</i> th	nat you advise (by
			nstruction 15 for information on calculating the numer uestion.)	ator for purposes of	r
			Region		% of NAV
	(1	i) .	Africa		
	(1	ii)	Asia and Pacific (other than the Middle East)		
	(1	iii)	Europe (EEA)		
	(1	iv)	Europe (other than EEA)		
	(	v) .	Middle East		
	(	vi)	North America		
	(	vii)	South America		
	(	viii) S	Supranational		
	f		le the value of investments in the following countries he that you advise (by percentage of the total <i>net asset val</i> ).		
			nstruction 15 for information on calculating the numer uestion.)	ator for purposes of	c
			Country		% of <i>NAV</i>
	(1	i) :	Brazil		
	(1	ii)	China (including Hong Kong)		
	(1	iii)	India		
	(1	iv) .	Japan		
	(	v) .	Russia		
	(	vi)	United States		

Form PF	Information about qualifying hedge funds that you advise	Page 17 of 55
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. However, with respect to master-feeder arrangements and parallel fund structures that collectively comprise qualifying

hedg	ge funds, you may report collectively or separate eral Instructions.					4	00
Iten	n A. Reporting fund identifying information						
29.	(a) Name of the reporting fund						
	(b) Private fund identification number of the rep	oorting fun	ıd				
Iten	n B. Reporting fund exposures and trading						
Che	ck this box if you advise only one hedge fund. If y	ou check	this box,	you may	skip Que	stion 30.	
30.	Reporting fund exposures.						
	(Give a dollar value for long and short positions reporting period, by sub-asset class, including all synthetically or through derivatives. Enter "NA' relevant positions.)	exposure	whether h	neld phys	ically,		
	(Include any closed out and OTC forward position net positions within sub-asset classes. Positions is positions of the hedge funds. Provide the absolute should only be included in a single sub-asset classes.)	held in sid te value of	e-pockets	should b	e include	d as	
	(Where "duration/WAT/10-year eq." is required, respect to the position and indicate which measure average tenor or 10-year bond equivalent. Duratentered in terms of years to two decimal places.)	re is being	used: bo	nd durati	ion, weigh	hted	
		1st M	Ionth	2nd N	<b>Month</b>	3rd N	<b>Month</b>
		LV	SV	LV	SV	LV	SV
	Listed equity		1	T T			
	Issued by financial institutions						
	Other listed equity						
	Unlisted equity						<u> </u>
	Issued by financial institutions  Other unlisted equity						
	OHICI WILLSTER EURITY	II .	i .	1			1

orm PF	rm PF Information about qualifying hedge funds that you advise (to be completed by large private fund advisers only)						of 55
ection 20	(to be completed by large p	rivaie jun	ia aavisei	s only)			
Listed equ	uity derivatives						
Relat	ed to financial institutions						
Other	· listed equity derivatives						
Derivative	e exposures to unlisted equities						•
Relat	ed to financial institutions						
Other	derivative exposures to unlisted						
equiti	ies						
Cornorat	e bonds issued by financial						
•	ns (other than convertible bonds)			_			
Inve	estment grade						
	☐ Duration ☐ WAT ☐ 10-year eq						
Non-investment grade							
	Duration WAT 10-year eq						
	bonds not issued by financial						
	is (other than convertible bonds)						1
_	estment grade						
	Duration WAT 10-year eq		-				
Non-	investment grade						
L	Duration WAT 10-year eq						
Convertib	le bonds issued by financial						
institution	•						
Inve	estment grade						
	☐ Duration ☐ WAT ☐ 10-year eq						
Non-investment grade							
	Duration WAT 10-year eq						
Commentil	la handa not issued by financial						
institution	le bonds not issued by financial						
	estment grade						
inve	Duration WAT 10-year eq	-	-	+			+

U.S. treasury securities......

Duration WAT 10-year eq..

Sovereign bonds and municipal bonds

Form PF	
Section 2b	

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

Page 19 of 55

Agency securities				
☐ Duration ☐ WAT ☐ 10-year eq				
GSE bonds				
☐ Duration ☐ WAT ☐ 10-year eq				
Sovereign bonds issued by G10 countries				
other than the U.S.				
☐ Duration ☐ WAT ☐ 10-year eq				
Other <i>sovereign bonds</i> (including supranational bonds)				
☐ Duration ☐ WAT ☐ 10-year eq				
U.S. state and local bonds				
☐ Duration ☐ WAT ☐ 10-year eq				
Loans	<u> </u>			 T
Leveraged loans				
☐ Duration ☐ WAT ☐ 10-year eq				
Other loans (not including repos)				
☐ Duration ☐ WAT ☐ 10-year eq				
1	-			-
Repos				
☐ Duration ☐ WAT ☐ 10-year eq				
ABS/structured products				
MBS				
☐ Duration ☐ WAT ☐ 10-year eq				
ABCP				
☐ Duration ☐ WAT ☐ 10-year eq				
CDO/CLO				
☐ Duration ☐ WAT ☐ 10-year eq				
Other ABS				
☐ Duration ☐ WAT ☐ 10-year eq				
Other structured products				
		I		
Credit derivatives				 
Single name CDS				
Index CDS				
Exotic CDS				
Foreign exchange derivatives (investment)				
Foreign exchange derivatives (hedging)				
Non-U.S. currency holdings				

	Form PF Information about qualifying hedge funds that you advise Page 20 of 55 Section 2b (to be completed by large private fund advisers only)						of 55	
Secu	UII ZU	(to be completed by large p	rivaie juni	i uuvisers	Olliy)			
	Interest rai	te derivatives						
	Commoditi	ies (derivatives)						
		oil						
		al gas						
		•						
		commodities						
	Commoditi	ies (physical)						
		oil						
		al gas						
	Power							
		commodities						
	Other deri	vatives						
	Physical re	ral estate						
	Investment	s in internal private funds						
	Investment	s in external private funds						
	Investment	s in registered investment						
	companies		l					
	Cash and c	ash equivalents	_	1	1	1		
	Certifi	cates of deposit						
		Duration WAT 10-year eq						
	Other	deposits						
	Money	market funds						
		cash and cash equivalents ding government securities)						
		s in funds for cash management other than <i>money market funds</i> )						
	Investment	s in other sub-asset classes						
31.	What is the	e reporting fund's base currency?						
		n of currencies]						
	_	•						

Form PF	Information about qualifying hedge funds that you advise	Page 21 of 55
Section 2b	(to be completed by <i>large private fund advisers</i> only)	

32. Provide the following information regarding the liquidity of the reporting fund's portfolio. (Specify the percentage by value 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 you believe that 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. 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 approximately 100%.)

	% of portfolio capable of being liquidated within
1 day or less	
2 days – 7 days	
8 days – 30 days	
31 days – 90 days	
91 days – 180 days	
181 days – 365 days	
Longer than 365 days	

		1st Month	2nd Month	3rd Month
33.	Value of reporting fund's unencumbered cash			
34.	Total number of open positions (approximate), determined on the basis of each position and not the issuer or counterparty			

Section 2b		b	(to be completed by large private fun	•	Page 22 of 33
35.		et value	open position of the <i>reporting fund</i> that represente, provide the information requested below.	ts 5% or more of the <i>rep</i> % of <i>net asset value</i>	
		(i)	Position		[drop-down of asset classes]
		(ii)	Position		[drop-down of asset classes]
	(b)	Sec	ond month of the reporting period		
		(i)	Position		[drop-down of asset classes]
		(ii)	Position		[drop-down of asset classes]
	(c)	Thi	rd month of the reporting period		
		(i)	Position		[drop-down of asset classes]
		(ii)	Position		[drop-down of asset classes]
36.	fund cour (For and the	d, prov nterpar r purpe collate pledgo	of the top five counterparties listed in your responsible the following information regarding the ety has posted to the reporting fund.  Soses of Questions 36, 37 and 38, include as collegeral posted under an arrangement pursuant to we are. Repose and reverse-repose with the same countype of collateral.)	collateral and other of ateral assets purchased which the secured party h	eredit support that the in connection with repostas loaned securities to
	(a)	Count	terparty [1, 2, 3, 4, 5]:		
		(i)	value of collateral posted in the form of cash are	nd cash equivalents	
			value of collateral posted in the form of securiti cash equivalent instruments)	,	
		(iii)	value of other collateral and credit support poster amount of letters of credit and similar third part		
37.	func	d, prov	of the top five counterparties listed in your respondite the following information regarding the collar osted to the counterparty.		
	(a)	Count	terparty [1, 2, 3, 4, 5]:		
		(i)	value of collateral posted in the form of cash are	nd cash equivalents	
		(ii)	value of collateral posted in the form of securiti cash equivalent instruments)	,	
		(iii)	value of other collateral and credit support poste amount of letters of credit and similar third part		
38.			total amount of collateral and other credit supporting fund, what percentage:	ort that counterparties ha	ive posted to the
		(i)	may be rehypothecated?		
		(ii)	has the reporting fund rehypothecated?		
	(b)		e total amount of collateral and other credit supp has posted to counterparties, what percentage ma		

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

Page 23 of 55

39.	Durin CCP	•	oorting period	, did the <i>repor</i>	ting fun	and clear any transactions directly through a
			Yes			No
Item	C. R	eporting	fund risk me	trics		
40.	(a)	(Please		hout regard to	wheth	larly calculate the VaR of the reporting fund?  ther you reported the result of this  No
	(b)	(If you a of conseparate (i) C (ii) T	regularly calculation fidence intervite response to Confidence intervition under the confidence int	ulate the VaR val, horizon of this Question erval used (e.g sed (in numbe	of the read his 40(b) for 100% of day	provide the following information. reporting fund using multiple combinations istorical observation period, complete a for each such combination.) %-alpha%) (as a percentage)
			None		Expone	ential Other:
		` ′	•	•	-	Question 40(b)(iii), provide the to two places)
		(v) V	Vhat method w	as used to cal	culate V	VaR?
			Historical s	imulation		<ul><li>☐ Monte Carlo simulation</li><li>☐ Other:</li></ul>
				_		number of years; enter "NA" if
						he reporting period
		` /				the reporting period
						the reporting period
41.	impo	ortant to	the <i>reporting</i> j	<i>fund's</i> risk ma	nageme	
	*		•			espond without regard to whether you If none, "None.")
			lown of risk m	<del>=</del>		

Form PF Section 2b

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

Page 24 of 55

42. 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 in formal testing in connection with the reporting fund's risk management. If you omit any market factor, check either the box in the first column indicating that you believe that this market factor is not relevant to the reporting fund's portfolio or the box in the second column indicating that this market factor is relevant but not formally tested. For this purpose, "formal testing" means that the adviser has models or other systems capable of simulating the effect of a market factor on the fund's portfolio, not that the specific assumptions outlined in the question were used in testing.)

(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 whose valuation changes in the same direction as the market factor under a given stress scenario and (ii) the short component represents the aggregate result of all positions whose valuation changes in the opposite direction from the market factor under a given stress scenario.)

(Assume that changes in a market factor occur instantaneously and that all other factors are held constant. If the specified change in any market factor would make that factor less than zero, use zero instead.)

(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 securities;
- (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.)

Form PF	Information about qualifying hedge funds that you advise	Page 25 of 55
Section 2b	(to be completed by <i>large private fund advisers</i> only)	

Not relevant	Relevant/not formally tested	Market factor – changes in market factor	Effect on long components of portfolio (as % of NAV)	Effect on short components of portfolio (as % of NAV)
		Equity prices:		
		Equity prices increase 5%		
		Equity prices decrease 5%		
		Equity prices increase 20%		
		Equity prices decrease 20%		
		Risk free interest rates (changes represent a parallel shift in	the yield curve):	
		Risk free interest rates increase 25bp		
		Risk free interest rates decrease 25bp		
		Risk free interest rates increase 75bp		
		Risk free interest rates decrease 75bp		
		Credit spreads:		
		Credit spreads increase 50bp		
		Credit spreads decrease 50bp		
		Credit spreads increase 250bp		
		Credit spreads decrease 250bp		
		Currency rates:		
		Currency rates increase 5%		
		Currency rates decrease 5%		
		Currency rates increase 20%		
		Currency rates decrease 20%		
		Commodity prices:	1	
		Commodity prices increase 10%		
		Commodity prices decrease 10%		
		Commodity prices increase 40%		
		Commodity prices decrease 40%		

Form PF		Information about <i>qualifying hedge funds</i> that you		Page 26	of 55
Section 2b		(to be completed by large private fund advisers only)			
		Option implied volatilities:			
		Implied volatilities increase 4 percentage points			
		Implied volatilities decrease 4 percentage points			
		Implied volatilities increase 10 percentage points			
		Implied volatilities decrease 10 percentage points			
$\Box$	П	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			
$\Box$		Default rates (corporate bonds and CDS):			
		Default rates increase 1 percentage point			
		Default rates decrease 1 percentage point			
		Default rates increase 5 percentage points			
		Default rates decrease 5 percentage points			
the born (Fo spec crea (Do	reporti rowing r each cified t ditors s	type of borrowing, information is requested regarding the pe types of creditors. In each case, the total percentages allocat thould add up to 100%.) It out amounts that the reporting fund loans to creditors or the	al posted to save all posted to save an all posted to save a save	secure its  rrowed from  ese types of	1
			1st Month	2nd Month	3rd Mon
(a)	Doll	ar amount of unsecured borrowing			
	(i)	Percentage borrowed from U.S. financial institutions		1	
	(ii)	Percentage borrowed from non-U.S. financial institutions			
	(iii)	Percentage borrowed from U.S. creditors that are not financial institutions			
	(iv)	Percentage borrowed from non-U.S. creditors that are not financial institutions			

Form PF	Information about qualifying hedge funds that you advise	Page 27 of 55
Section 2b	(to be completed by <i>large private fund advisers</i> only)	

(b) Secured borrowing.

(Classify secured borrowing according to the legal agreement governing the borrowing (e.g., Global Master Repurchase Agreement for reverse repo and Prime Brokerage Agreement for prime brokerage). Please note that for reverse repo borrowings, the amount should be the net amount of cash borrowed (after taking into account any initial margin/independent amount, 'haircut' and repayments). Positions under a Global Master Repurchase Agreement should not be netted.)

(i)	Doll	lar 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 cash and cash equivalent instruments)		
	(C)	value of other collateral and credit support posted (including face amount of letters of credit and similar third party credit support)		
	(D)	percentage borrowed from U.S. financial institutions		
	(E)	percentage borrowed from non-U.S. financial institutions		
	(F)	percentage borrowed from U.S. creditors that are not financial institutions		
	(G)	percentage borrowed from non-U.S. creditors that are not financial institutions		
(ii)	thro in co	lar amount via reverse repo (for purposes of items (A) nugh (D) below, include as collateral any assets sold connection with the reverse repo as well as any lation 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 cash and cash equivalent instruments)		
	(C)	value of other collateral and credit support posted (including face amount of letters of credit and similar third party credit support)		
	(D)	percentage borrowed from U.S. financial institutions		
	(E)	percentage borrowed from non-U.S. financial institutions		
	(F)	percentage borrowed from U.S. creditors that are not financial institutions		
	(G)	percentage borrowed from non-U.S. creditors that are not financial institutions		

Form PF Section 2b				Information about qualifying hedge funds that you (to be completed by large private fund advisers or	Page 28 o	Page 28 of 55	
		(iii)	Dol	lar amount of other secured borrowings			
			(A)	value of collateral posted in the form of cash and cash equivalents			
			(B)	<i>value</i> of collateral posted in the form of securities (other than <i>cash and cash equivalent</i> instruments)			
			(C)	value of other collateral and credit support posted (including face amount of letters of credit and similar third party credit support)			
			(D)	percentage borrowed from <i>U.S. financial</i> institutions			
			(E)	percentage borrowed from non-U.S. financial institutions			
			(F)	percentage borrowed from U.S. creditors that are not financial institutions			
			(G)	percentage borrowed from non-U.S. creditors that are not financial institutions			
44.	For 6	each m	onth	of the <i>reporting period</i> , provide the aggregate <i>value</i>	1st Month	2nd Month	3rd Month
				s positions of the reporting fund (enter "NA" if no ivatives positions at the end of the relevant period)			
45.	repo	rting for re thos the repo	ind's e pos	of the <i>reporting period</i> , provide the following informated derivative positions that were not cleared by a <i>CCP</i> are sitions.  In the provided the following informated derivative positions are the collections of the provided the collections are the provided the collections.	nd the collate	eral posted to	
	(a)	positi	ons	e net mark-to-market value of all derivatives of the <i>reporting fund</i> that were not cleared by a <i>CCP</i> A" if no relevant derivatives positions outstanding at	1st Month	2nd Month	3rd Month
		the en	ıd of	the relevant period)			
	(b)	respec	ct of	of collateral posted by or to the <i>reporting fund</i> in these positions in the form of <i>cash and cash</i>			
	(c)	respec	ct of	of collateral posted by or to the <i>reporting fund</i> in these positions in the form of securities (other than cash equivalent instruments)			
	(d)	to the (inclu	e <i>rep</i> Iding	of other collateral and credit support posted by or porting fund in respect of these positions garage amount of letters of credit and similar third lit support			

Form PF		Information about qualifying hedge funds that you advise	Page 29 of 55	
Section 2b		(to be completed by <i>large private fund advisers</i> only)		
16.	Financing	lianiditus		
ю.	_			
	` '	e the aggregate dollar amount of <i>borrowing</i> by and cash available to the <i>reporting fund</i> (including all drawn and		
		committed and uncommitted lines of credit as well as any		
		cing)		
		the amount reported in response to Question 46(a) among the periods		
		below depending on the longest period for which the creditor is contracted to provide such financing.	ıally	
		tor (or syndicate or administrative/collateral agent) is permitted to vary	· · · · · · · · · · · · · · · · · · ·	
		nic terms of the financing or to revalue posted collateral in its own discre		
		lditional collateral, then the financing should be deemed uncommitted for stion.  Uncommitted financing should be included under "I day or less."		
	-	should add up to 100%.)	,	
	,	•	% of total	
			financing	
	1 d	lay or less		
	2 d	lays – 7 days		
	8 6	lays – 30 days		
	31	days – 90 days		
	91	days – 180 days		
	18	1 days – 365 days		
	Lo	nger than 365 days		
47.	borrowing reporting (This que belongs t	each creditor, if any, to which the <i>reporting fund</i> owed an amount in respace equal to or greater than 5% of the <i>reporting fund's net asset value</i> as a date. For each such creditor, provide the amount owed to that creditor. Estion does not require the precise legal name of the creditor; if the creditor an affiliated group that is included in the list below, select that group a creditor's name in the space for "other.")	of the <i>data</i>	
			Dollar amount	
			owed to	
		Name of creditor	each creditor	
		wn list of creditor/counterparty names]		
	[repeat d	rop-down list of creditor/counterparty names]		
	Other: _			
	- 1	rop-down list of creditor/counterparty names]		

Form PF Section 2b

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

Page 30 of 55

# Item E. Investor information

48.	(a)			tage of the reporting fund's -pocket" arrangement?				
		` *	(This question relates to whether assets are currently in a side-pocket and not the potential for assets to be moved to a side-pocket.)					
	(b)	Have additional asse period?	ts been placed in a side	e-pocket since the end of the prior reporting				
		(Check "NA" if you nand/or the prior perior		er Question 48(a) in the current period				
		Yes	☐ No	□ NA				
49.		ride the following infordrawals and redemption		reporting fund's restrictions on investor				
	on w	rithdrawals/redemption risions that would likely	rs may vary among fun	andards for imposing suspensions and restriction and materials. Make a good faith determination of the conditions that you view as significant market	ons			
	(a)	Does the <i>reporting fu</i> ordinary course?  Yes	and provide investors w	vith withdrawal/redemption rights in the				
	(If vo	<del>_</del>		ou must respond to Questions 49(b)-(e).)				
				the reporting fund's net asset value, if				
	(b)	an adviser or fund go governing body's right	verning body (this que ht to suspend and not j	or withdrawals/redemptions by estion relates to an adviser's or iust whether a suspension 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)	question relates to wh	hether a suspension is d	rawals/redemptions (this currently effective and not just spend)				
	(e)	(e.g., a "gate") (this quimposed and not just	question relates to whe an adviser's or govern	or withdrawals/redemptions ether a restriction has been ning body's right to impose a				

Form PF	Information about qualifying hedge funds that you advise	Page 31 of 55
Section 2b	(to be completed by <i>large private fund advisers</i> only)	

#### 50. Investor liquidity (as a % of *net asset value*):

(Divide the reporting fund's net asset value among the periods specified below depending on the shortest period within which investors are entitled, under the fund documents, to withdraw invested funds or receive redemption payments, as applicable. Assume that you would impose gates where applicable but that you would not completely suspend withdrawals/redemptions and that there are no redemption fees. Please base on the notice period before the valuation date rather than the date proceeds would be paid to investors.)

(The total should add up to approximately 100%.)

1 day or less	
2 days – 7 days	
8 days – 30 days	
31 days – 90 days	
91 days – 180 days	
181 days – 365 days	
Longer than 365 days	

% of NAV locked for

Form PF	Information about liquidity funds that you adv		Page 32	of 55
Section 3	(to be completed by large private fund advisers or	ıly)		
Section 3: In	formation about <i>liquidity funds</i> that you advise.			
to master-feed about the com	plete a separate Section 3 for each <i>liquidity fund</i> that you adviser arrangements and parallel fund structures, you may report ponent funds as provided in the General Instructions.  Tring fund identifying and operational information			
Ttem A. Kepon	rung juna identifying and operational information			
51. (a) Name	e of the <i>reporting fund</i>			
(b) Priva	tte fund identification number of the reporting fund			
52. (a) Does	the <i>reporting fund</i> seek to maintain a stable price per share?  Yes  No			
(b) If yes,	, state the price the <i>reporting fund</i> seeks to maintain			
Item B. Repor	rting fund assets			
53. Provide t	the following information for each month of the reporting peri	od.		
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
		Month	Month	Month
, ,	asset value of <i>reporting fund</i> as reported to current and tive investors			
	asset value per share of reporting fund as reported to current spective investors (to the nearest hundredth of a cent)			
hundrea	asset value per share of reporting fund (to the nearest lth of a cent; exclude the value of any capital support ent or similar arrangement)			
(d) W 4 I	A of reporting fund (in days)			

(e) WAL of reporting fund (in days)

maturity greater than 397 days

of one percent

liquid assets

(j) cash

(f) 7-day gross yield of reporting fund (to the nearest hundredth

(h) Dollar amount of the reporting fund's assets that are weekly

(i) Dollar amount of the reporting fund's assets that have a

(g) Dollar amount of the reporting fund's assets that are daily liquid

Form PF Section 3			Information about <i>liquidity funds</i> that you advise (to be completed by <i>large private fund advisers</i> only)					33 of 55
Sec	HUII J	(to be completed	oy iaige pitt	aic juna aav	isers off	·· <i>y j</i>		
						1 <sup>st</sup> Month	2 <sup>nd</sup> Mont	3 <sup>rd</sup> h Month
54.		the total gross subscriptions (i						
		ments) and total gross redemparting period.	nons for each	1 IIIOIIIII OI				
Ite	m C. Fina	ncing information						
55.		the amount of total <i>borrowing</i> % of the <i>reporting fund's net</i> of Yes		response to (	Question	n 12 equ	al to or gre	ater than
	re of th	You responded "yes" to Question of borrowing, the type of creditude principal amount of the borrows.	tion 56(a) about 12 among the correction of the later than 12 among the later the later than 12 among	he periods sp est date on w	ecified hich th	below de report	lepending oing fund ma	n the type ny repay
	th de de sh (T	f a creditor (or syndicate or active economic terms of the financement additional collateral, the ay or less for purposes of this chould be treated separately and the total amount of borrowings borrowing reported in responsive borrowing the total and the total amount of borrowing the total and the active and the active and the active and the active active and the active	cing or to rev nen the borro question. Fo d grouped w s reported be	value posted of wing should ramortizing with other bordow should educed to water was a sould educed to water was should educed to water was should educed to was should educe to was should educed to was should educe to was should educed to w	collater be deen loans, rowings qual ap	al in its med to h each am s based o proxima  to 30 3	own discre ave a matur portization p on its payme tely the tota	tion and rity of 1 payment ent date.)
			1688	uays	ua	ys .	397 uays	uays
	, ,	J.S. depository institutions						
	, ,	J.S. creditors that are not <i>U.S. epository institutions</i>						
	(C) N	Ion-U.S. creditors						
	(ii) Secur	ed borrowing		Т				
	(A) <i>U</i>	J.S. depository institutions						
	` ′	U.S. creditors that are not <i>U.S.</i> epository institutions						
	(C) N	Non-U.S. creditors						
56.	(a) Do	oes the <i>reporting fund</i> have in Yes	place one or  No	more commi	tted liqu	uidity fa	cilities?	
		you responded "yes" to Quest						

Form PF Section 3			Information about <i>liquidity funds</i> that you advise (to be completed by <i>large private fund advisers</i> only)		Page 34 of 55	
Iten	n D. In	vesto	or information			
57.		Specify the number of outstanding shares or units of the <i>reporting fund's</i> stock or similar securities.				
58.	Is the <i>reporting fund</i> established as a cash management vehicle for other funds or accounts that you or your <i>affiliates</i> manage that are not cash management vehicles?					
			☐ Yes ☐ No			
59.	(For F	purpo	e following information regarding investor of sees of this question, if you know that two of ed with each other, you should treat them as	r more beneficial owners		
	(a)	bene	eify the percentage of the <i>reporting fund's</i> efficially owned by the beneficial owner havings in the <i>reporting fund</i> .			
	(b)		each investor that beneficially owns 5% or following information:	more of the reporting fur	nd's equity, provide	
		(i) ]	Investor Category	(ii) Investor's percent reporting fund on the	2 0	
			rop-down menu of investor categories in estion 16]			
		_	op-down menu of investor categories in estion 16]			
		Et o	cetera.			
60.	perce	ntage	good faith estimate, as of the <i>data reporting</i> of the <i>reporting fund's</i> outstanding equity rities lending collateral.			
61.			e following information regarding the restrict ptions by investors in the <i>reporting fund</i> .	ctions on withdrawals		
	on wi	thdra sions	tions 61 and 62, please note that the standar wals/redemptions may vary among funds. I that would likely be triggered during condi	Make a good faith detern	nination of the	
	As of if any		lata reporting date, what percentage of the	reporting fund's net asset	t value,	
	l d	oy an advise	be subjected to a suspension of investor with adviser or fund governing body (this quest er's or governing body's right to suspend an ansion is currently effective).	tion relates to an		

Forn	n PF	Information about liquidity funds that you advise	Page 35 of 55
Secti	on 3	(to be completed by large private fund advisers only	)
	reden quest	be subjected to material restrictions on investor withdrawals/nptions (e.g., "gates") by an adviser or fund governing body (thion relates to an adviser's or governing body's right to impose action and not just whether a restriction been imposed),	
	quest	iject to a suspension of investor withdrawals/redemptions (this ion relates to whether a suspension is currently effective and not in adviser's or governing body's right to suspend).	rt
	(e.g., impos	eject to a material restriction on investor withdrawals/redemption a "gate") (this question relates to whether a restriction has been seed and not just an adviser's or governing body's right to impospication).	en
62.	Investor lie	quidity (as a % of net asset value):	
	the shortes withdraw i would imp withdrawa period befo	e reporting fund's net asset value among the periods specified bet period within which investors are entitled, under the fund doe nvested funds or receive redemption payments, as applicable, cose gates where applicable but that you would not completely sals/redemptions and that there are no redemption fees. Please be ore the valuation date rather than the date proceeds would be phould add up to 100%.)	ruments, to Assume that you uspend pase on the notice
			% of NAV locked for
	1 da	ay or less	

2 days – 7 days..... 8 days – 30 days ..... 31 days – 90 days ..... 91 days – 180 days ..... 181 days – 365 days..... Longer than 365 days.....

Page 36 of 55

### Item E. Portfolio Information

ıten	IE. P	tiono information	
63.	for	ch security held by the <i>reporting fund</i> , ch month of the <i>reporting period</i> . Provacquisition of a security and any subsequents.	ide information separately for the
	(a)	Name of the issuer or the name of coun	terparty in a repo
	(b)	Γitle of the issue	
	(c)	CUSIP	
	(d)	LEI, if any	
	(e)	n addition to CUSIP and <i>LEI</i> , provide a dentifiers, if any:	at least one of the following other
		(i) ISIN	
		(ii) CIK	
		(iii) Other unique identifier (indicate i	dentifier and type of identifier)
	(f)	Security acquisition:	
		(i) Provide the trade date on which t security	he reporting fund acquired the
		ii) Provide the yield of security as o	f the trade date(s)
	(g)	The category of investment that most classification of investment and that most classification in the following category and the following category and the following category. When the following the following are constructed in the following solution of the following solution in the following solution is a following solution of the following solution in the following solution is a following solution of the following solution in the following solution is a following solution in the	ories of investment: U.S. Treasury categorized as coupon-paying notes); orized as no-coupon-discount notes); of Supra-National debt; Certificate of it; Variable Rate Demand Note; of Commercial Paper; Other Asset Agreement, if collateralized only by eash; U.S. Government Agency Repo Government Agency securities, U.S. tement, if any collateral falls outside th; Insurance Company Funding paper; or Tender Option Bond. If
	(h)	For repos, specify whether the repo is "end date and, by its terms, will be extend for at another specified period) unless that and provide the following information are repo (i.e., the collateral):  (i) Is the repo is "open?" [] yes or []	ded or "rolled" each business day ne investor chooses to terminate it), about the securities subject to the
		(ii) Is the <i>repo</i> is centrally cleared?	
		•	entify the CCP
		(iv) Is the <i>repo</i> settled on a tri-party p	latform? [] yes or [] no

Form PF	Information about <i>liquidity funds</i> that you advise	Page 37 of 55
Section 3	(to be completed by large private fund advisers only)	

	(v)	Name of the collateral issuer
	(vi)	CUSIP
	(vii)	LEI, if any
	(viii)	Maturity date
	(ix)	Coupon or yield
	(x)	The principal amount, to the nearest cent
	(xi)	Value of the collateral, to the nearest cent
	(xii)	The category of investment that most closely represents the collateral
		(Select from among the following categories for the collateral: Asset-Backed Securities; Agency Collateralized Mortgage Obligations; Agency Debentures and Agency Strips; Agency Mortgage-Backed Securities; Private Label Collateralized Mortgage Obligations; Corporate Debt Securities; Equities; Money Market; U.S. Treasuries (including strips); Cash; Other Instrument. If Other Instrument, include a brief description, including, if applicable, whether it is a collateralized debt obligation, municipal debt, whole loan, or international debt).
(i)	the <i>re</i>	rating assigned by a <i>credit rating agency</i> played a substantial role in <i>eporting fund's</i> (or its adviser's) evaluation of the quality, maturity or lity of the security, provide the name of each <i>credit rating agency</i> and thing each assigned to the security.
(j)	The r	naturity date used to calculate WAM
(k)	The r	naturity date used to calculate WAL
(1)	the te	altimate legal maturity date ( <i>i.e.</i> , the date on which, in accordance with erms of the security without regard to any interest rate readjustment or and feature, the principal amount must unconditionally be paid)
(m)	advis secur	security has a <i>demand feature</i> on which the <i>reporting fund</i> (or its er) is relying when evaluating the quality, maturity, or liquidity of the ity, provide the following information:
	(If the	e security does not have such a demand feature, enter "NA.")
	(i)	Identity of the <i>demand feature</i> issuer(s)
	(ii)	If the rating assigned by a <i>credit rating agency</i> played a substantial role in the <i>reporting fund's</i> (or its adviser's) evaluation of the quality, maturity or liquidity of the <i>demand feature</i> , its issuer, or the security to which it relates, provide the name of each <i>credit rating agency</i> and the rating assigned by each <i>credit rating agency</i>
	(iii)	The period remaining until the principal amount of the security may be recovered through the <i>demand feature</i>
	(iv)	The amount (i.e., percentage) of fractional support provided by each demand feature issuer
	(v)	Whether the <i>demand feature</i> is a <i>conditional demand feature</i>

Form PF	Information about liquidity funds that you advise	Page 38 of 55
Section 3	(to be completed by <i>large private fund advisers</i> only)	

(n) If the security has a guarantee (other than an unconditional letter of credit reported in response to Question 63(l) above) on which the reporting fund (or its adviser) is relying when evaluating the quality, maturity, or liquidity of the security, provide the following information: (If the security does not have such a guarantee, enter "NA.") Identity of the *guarantor(s)* ..... (i) If the rating assigned by a *credit rating agency* played a substantial (ii) role in the reporting fund's (or its adviser's) evaluation of the quality, maturity or liquidity of the *guarantee*, the *guarantor*, or the security to which the *guarantee* relates, provide the name of each credit rating agency and the rating assigned by each credit rating agency..... The amount (i.e., percentage) of fractional support provided by each guarantor..... If the security has any enhancements, other than those identified in response (o) to Questions 63(1) and (m) above, on which the reporting fund (or its adviser) is relying when evaluating the quality, maturity, or liquidity of the security, provide the following information: (If the security does not have such an enhancement, enter "NA.") Identity of the enhancement provider(s) ..... (i) (ii) The type of enhancement(s) ..... If the rating assigned by a *credit rating agency* played a substantial role in the *reporting fund's* (or its adviser's) evaluation of the quality, maturity or liquidity of the enhancement, its provider, or the security to which it relates, provide the name of each credit rating agency used and the rating assigned by the credit rating agency..... (iv) The amount (i.e., percentage) of fractional support provided by each enhancement provider..... The yield of the security as of the reporting date:..... The total value of the reporting fund's position in the security, and separately, if the reporting fund uses the amortized cost method of valuation, the amortized cost value, in both cases to the nearest cent: (i) Including the value of any sponsor support..... (ii) Excluding the value of any sponsor support..... (r) The percentage of the *reporting fund's* net assets invested in the security, to the nearest hundredth of a percent..... Is the security categorized as a level 3 asset or liability in Question 14?...... (s) Is the security a *daily liquid asset*?..... (t) Is the security a weekly liquid asset?..... (u) Is the security an *illiquid security*?..... (v)

Explanatory notes. Disclose any other information that may be material

to other disclosures related to the portfolio security. (If none, leave blank.)..

(w)

Form PF	Information about liquidity funds that you advise	Page 39 of 55
Section 3	(to be completed by <i>large private fund advisers</i> only)	

# Item F. Disposition of Portfolio Securities

64. Disclose the amount (to the nearest cent) of portfolio securities the *reporting fund* sold or disposed of during each month of the *reporting period* by category of investment. Do not include portfolio securities that the fund held until maturity.

Month	Category of Investment	Amount
First Month	[Drop-down menu of the category of investment]	
Second Month	[Drop-down menu of the category of investment]	
Third Month	[Drop-down menu of the category of investment]	

Category of Investment: U.S. Treasury Debt; U.S. Government Agency Debt (if categorized as coupon-paying notes); U.S. Government Agency Debt (if categorized as no-coupon-discount notes); Non-U.S. Sovereign, Sub-Sovereign and Supra-National debt; Certificate of Deposit; Non- Negotiable Time Deposit; Variable Rate Demand Note; Other Municipal Security; Asset Backed Commercial Paper; Other Asset Backed Securities; U.S. Treasury Repo, if collateralized only by U.S. Treasuries (including Strips) and cash; U.S. Government Agency Repo, collateralized only by U.S. Government Agency securities, U.S. Treasuries, and cash; Other Repo, if any collateral falls outside Treasury, Government Agency and cash; Insurance Company Funding Agreement; Investment Company; Financial Company Commercial Paper; Non-Financial Company Commercial Paper; or Tender Option Bond. If Other Instrument, include a brief description..

#### Item G. Parallel Money Market Funds

65.	If the <i>reporting fund</i> pursues substantially the same investment objective and strategy and invests side by side in substantially the same positions as a <i>money market fund</i> advised by you or any of your <i>related persons</i> , provide the <i>money market fund's</i> EDGAR series identifier. (If neither you nor any of your related	
	persons advise such a money market fund, enter "NA.")	

Form PF	Information about private equity funds that you advise	Page 40 of 55
Section 4	(to be completed by <i>large private fund advisers</i> only)	

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

You must complete a separate Section 4 for each *private equity fund* that you advise. However, with respect to *master-feeder arrangements* and *parallel fund structures*, you may report collectively or separately about the component funds as provided in the General Instructions.

Iten	ı A.	Reporting fund identifying information	
66.	(a) (b)	Name of the <i>reporting fund</i> Private fund identification number of the <i>reporting fund</i>	
Iten	1 B.	Certain information regarding the reporting fund	

- 67. How many controlled portfolio companies are owned by the reporting fund?
- 68. Indicate the investment strategy below that best describes the *reporting fund*'s investment strategy by percent of deployed capital, during the *reporting period*. If the *reporting fund* engages in more than one strategy, provide a good faith estimate of the percentage of the *reporting fund*'s deployed capital represented by each strategy.

(Select the investment strategy or strategies that best describe the reporting fund's strategies, even if the categories below do not precisely match your characterization of the reporting fund's strategy. If you report all or part of the reporting fund's strategy as "Other", explain in Question 4. The strategies listed are mutually exclusive (i.e., do not report the same portion of deployed capital in multiple strategies). The total should add to 100%.)

% of Strategy capital Private Credit – Direct Lending/Mid Market Lending Private Credit – Distressed Debt Private Credit – Junior/Subordinate Debt Private Credit – Mezzanine Financing Private Credit - Senior Debt Private Credit – Senior Subordinated Debt Private Credit – Special Situations Private Credit – Venture Debt Private Credit – Other

Form							private e						Page 4	1 of 55	
Section	n 4			(to be	complet	ed by	large priv	vate fu	nd ad	lvisers o	nly)				
		Priv	rate Equ	ıity – Ea	arly Stage	e									
		Priv	ate Equ	ıity – Ez	kpansion/	Late S	Stage								
		Priv	ate Equ	iity – B	ıyout										
		Priv	ate Equ	ity – D	istressed										
		Priv	rate Equ	iity – G	rowth										
		Priv	ate Equ	ity –Pri	vate Inve	estmen	t in Publi	c Equ	ity						
		Priv	ate Equ	iity –Se	condaries	S									
		Priv	ate Equ	iity – Ti	ırnaroun	d									
		Rea	l Estate	!											
		Anr	uity an	d Life I	nsurance	Polici	es								
		Liti	gation F	inance											
		Dig	ital Ass	ets											
		Gen	eral Pa	rtner Si	akes Inve	esting									
		Oth	er												
c (/	ompai See In	nies strud	represe	nt expos	sure of 10	on call on call d on c	more of the state	he <i>rep</i> the nu	orting merai	g fund's tor for p	nd's inves net asset ourposes o	value of this posur	Questi		ı
Г	Coun	try				ISO	code				% of <b>N</b>	NAV			
-															
70. (a)	Du	ring	the <i>rep</i>	orting p	eriod, di	d the $r$	<i>ization of</i> <i>eporting j</i> ment peri	fund re	-	-	<u>ny)</u> recapitaliz	ze a po	ortfolio	compar	ny
				Yes				No							
(b)	Le	gal n	ame of	portfol	o compa	ny:	0(a), plea pitalizatio	-	vide t	he follo	wing:				

71 (	Investments in Different Levels of a Single Doutfelie Communi's Capital	Strangtone by Dal	ated Euroda)
71. (a)	During the <i>reporting period</i> , did the <i>reporting fund</i> have an investment securities ( <i>e.g.</i> , debt, equity, etc.) of a portfolio company while another of your related persons concurrently held investments in different class ( <i>e.g.</i> , debt, equity, etc.) of the same portfolio company?	nt in one class, s er fund advised b	eries or type of by you or any
	☐ Yes ☐ No		
(b)	If you responded "yes" to Question 71(a), please provide the following	g:	
	Legal name of portfolio company:  Description of class, series or type of securities held  (e.g., class A common stock):		
Item C.	Reporting fund and controlled portfolio company financing;		
72. (a)	Does the <i>reporting fund</i> borrow or have the ability to borrow at the fu complement to financing of portfolio companies? If so, check "yes' at this question. Otherwise, check "no'		
	☐ Yes ☐ No		
(b)	For each type of borrowing or other cash financing available to the re	porting fund, pro	ovide the total
			ovide the total
	dollar amount available and the average amount borrowed over the re		Average borrowed over the reporting period (in dollars)
	dollar amount available and the average amount borrowed over the re-	Total amount available (in	Average borrowed over the reporting period (in
	dollar amount available and the average amount borrowed over the re	Total amount available (in	Average borrowed over the reporting period (in
	dollar amount available and the average amount borrowed over the re  Type of Financing  Credit secured by the investments of the reporting fund	Total amount available (in	Average borrowed over the reporting period (in
	Type of Financing  Credit secured by the investments of the reporting fund  Credit secured by unfunded commitments  Credit secured by a combination of unfunded commitments and	Total amount available (in	Average borrowed over the reporting period (in
73. (a)	Type of Financing  Credit secured by the investments of the reporting fund  Credit secured by unfunded commitments  Credit secured by a combination of unfunded commitments and investments of the reporting fund.  Other (explain in Question 4)  Do you or any of your related persons guarantee, or are you or any of otherwise obligated to satisfy, the obligations of any portfolio comparinvests?  (You are not required to respond "yes" simply because a portfolio comparince.	Total amount available (in dollars)  Eyour related peny in which the r	Average borrowed over the reporting period (in dollars)
73. (a)	Type of Financing  Credit secured by the investments of the reporting fund  Credit secured by unfunded commitments  Credit secured by a combination of unfunded commitments and investments of the reporting fund.  Other (explain in Question 4)  Do you or any of your related persons guarantee, or are you or any of otherwise obligated to satisfy, the obligations of any portfolio comparinvests?	Total amount available (in dollars)  Eyour related peny in which the r	Average borrowed over the reporting period (in dollars)

Do you or any of your related persons provide financing or otherwise extend credit to any portfolio

Information about private equity funds that you advise

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

Page 42 of 55

Form PF

Section 4

74. (a)

Forn Secti		Information about <i>private equity funds</i> that you advise (to be completed by <i>large private fund advisers</i> only)	Page 43 of 55
	_	ny in which the reporting fund invests? (In responding to this question, attee arrangement reported in Question 73).  Yes  No	do not report an
(b		responded "yes" to Question 74(a) above, report the total dollar <i>value</i> uch financing or other extension of credit	
75.		e weighted average debt-to-equity ratio of the <i>controlled portfolio</i> in which the <i>reporting fund</i> invests (expressed as a decimal to the e)?	
		should be based on gross assets of each controlled portfolio company as of the aggregate gross assets of the reporting fund's controlled portfolio )	a
76.		c highest debt-to-equity ratio of any controlled portfolio company in reporting fund invests (expressed as a decimal to the tenths place)?	
77.		e lowest debt-to-equity ratio of any controlled portfolio company in reporting fund invests (expressed as a decimal to the tenths place)?	
78.	What is the	e aggregate gross asset value of the reporting fund's controlled ompanies?	
79.		ne aggregate principal amount of <i>borrowings</i> categorized as current on the most recent balance sheets of the <i>reporting fund's controlled ompanies</i> ?	
80.		e aggregate principal amount of <i>borrowings</i> categorized as long-term on the most recent balance sheets of the <i>reporting fund's controlled companies</i> ?	
81.		entage of the aggregate borrowings of the reporting fund's controlled ompanies is payment-in-kind (PIK) or zero-coupon debt?	
82.		entage of the aggregate <i>borrowings</i> of the <i>reporting fund's controlled por</i> is at a floating rather than fixed rate?	rtfolio
83.	companies other instru complete s	reporting period, did the reporting fund or any of its controlled portfolio experience an event of default under any of its indentures, loan agreement aments evidencing obligations for borrowed money? If so, check "yes" and ubsections (a) of this question. Otherwise, check "no".	nts or nd
		clude a potential event of default (i.e., an event that would constitute an e h the giving of notice, the passage of time or otherwise) unless it has bec	•

(a) Identify the nature of the default event (check all that apply):

Yes

event of default.)

□ Payment default of the *reporting fund* 

□ Payment default of a *controlled portfolio company* 

A default relating to a failure to uphold terms under the applicable borrowing agreement, other than a failure to make regularly scheduled payments.

No

Form PF Section 4					<b>rivate equity fu</b> erge private fun			Page 44 of 55
84.(a) l		ontrolled	portfolio	company		g fund have i	n place one or	more bridge loans
1	oridge loan	or comn	nitment to	the releva	a), identify each ant <i>controlled p</i> unt or commita	ortfolio con	pany. For each	ll or part of any a such <i>person</i> ,
Legal I	Name of Cou	nterparty	LEI, if	counterp a major	cate below if the arty is affiliated v financial instituti		ding amount of ing, if drawn	Amount of commitment, i undrawn
					op-down list of punterparty names]			
				[repeat dro	op-down list of			
				oreditor/co	ounterparty names]			
					op-down list of ounterparty names]			
5. (a) ]	s any of th company?			-	d portfolio com	· •	ncial industry į	portfolio
(	•	onded "y that cons	-	,		h of the <i>repo</i>	00	ntrolled portfolio owing
Legal Name	Addre princ offi (includ state coun	ipal ce e city, and	NAICS code	<i>LEI</i> , if any	Debt-to- equity ratio of portfolio company	Gross asset value of portfolio company	% of reporting fund's gross assets invested in this portfolio company	beneficially owned by the
								+

	rm PF ction 4	Informa	Page 45 of 55	
Scc		(10 00 00)	mpleted by large private fund advisers only)	
86.	Provide a l	oreakdown of the <i>re</i>	eporting fund's investments in portfolio companies by	y industry, based on
	the NAICS	codes of the compa	nnies.	
	(The total	should add up to 10	00%.)	
	L	NAICS code	% of <i>reporting fund's</i> total portfolio company investments	
87.	companies		persons (other than the reporting fund) invest in any companies of the reporting fund, provide the aggregatements.	e

Form PF Section 5		port for large hedge fu arge hedge fund adviser		ports)	Page 46 of 55			
Section 5: Curr	Section 5: Current report for large hedge fund advisers.							
a current report res number of business of your <i>current rep</i>	ce of any one or more of a ponding to questions requested as set forth below a port. You may provide any the causes and or propositions.	uired by the applicable for each Item. Respond additional explanation	Item(s) (a "curred to the best of your of the facts and	ent report our know circumst	t") in the required rledge on the date tances relating to			
In this section 5, re reporting date.	eferences to most recent n	et asset value mean the	e net asset value 1	reported	as of the data			
	ou are filing an amendme ou are amending [Drop-c			Provide t	he filing date of			
Item A: Infor	mation about you and th	e reporting fund						
5-1 Provide yo	our name and the other ide	entifying information re	equested below.					
(This should be you	ur full legal name.)							
Legal name	SEC 801-Number	NFA ID Number, if any	Large trader ID, if any		arge trader O suffix, if any			
5-2(c) NFA identification 5-2(d) <i>LEI</i> of the 5-3 Signatures I, the undersigned,	ad identification number of the restriction number of the reporting fund, if any of authorized representations and the sign this Section 5 on being the sign this section 5 on being the sign that the	porting fund, if applicative (see Instruction 11 half of, and with the au	to Form PF) thority of, the fire					
	f of, and with the authoriters on for which another in				estion 1(b) (other			
Name of individu Signature: Title Email address Telephone contac country code): Date	al: t number (include area co	ode and, if outside the U	Jnited States,					
I, the undersigned, below.	f of related persons: sign this Section 5 on be- ted person on behalf of w			lated per	son(s) identified			
Name of individu	al:		Γ					

Form PF	Current report for large neage fund advise			Page 4/ 01 55
Section 5	(to be completed by large hedge fund advisers with cur	rent rep	orts)	
~.		_		
Signature:				
Title		_		
Email address		.		
	t number (include area code and, if outside the United Sta	tes,		
country code):		_		
Date				
Item B. Extra	nordinary Investment Losses			
over a rolling 10 b	ad experiences a cumulative loss equal to or greater than 20 cusiness day period, provide the following information (if the port until the next 10 business day loss period beginning of	he loss d	continue	es, do not file
5-4 Regir	nning date of the 10 business day loss period:			
	late of the 10 business day loss period:			
	r amount of loss over the 10 business day loss period:			
0 0 2 0114	a mine mine of 1000 of 12 mine 10 of months of mine 1000 positions			
A <i>current report</i> re event contemplated	esponding to this Item must be filed within one business date in this Item B.	ay after	occurre	nce of a reporting
Item C. Marg	in, Collateral or Equivalent Increase			
eporting fund of national deporting fund of national deporting fundamental deporting fun	ative increase in the total dollar value of margin, collateral more than 20% of the <i>reporting fund's most recent net asset</i> the following information (if the total value of margin, cond continues to increase, do not file another current reported beginning after the end date stated at 5-8 below):	et value ollateral	over a r	olling 10 <i>business</i> quivalent posted
	nning date of the 10 business day period during which use was measured:			
	late of the 10 business day period during which the			
	vas measured:			
	de the cumulative dollar value amount of the increase in			
	ollateral or an equivalent posted by the reporting fund			
•	e 10 business day period during which the increase was			
measured	:			
	or counterparties requiring increased margin, collateral or involved list them in order of the dollar amount of cumula			
			~	
•	1			erparty LEI, if
	egal name of the counterparty		any	
(3			<del> </del>	
	<u>o)</u>		<del>                                     </del>	
		line C	<u> </u>	
-11 Uneck one or	more of the following to describe your current understand	ung oi c	ırcumst	ances relating to

5-11 Check one or more of the following to describe your current understanding of circumstances relating to the margin increase(s) (check all that apply):

Form PF	Current report for large hedge fund		Page 48 of 55						
Section 5	(to be completed by large hedge fund advisers w	ith current reports)							
☐ The increa	se is a result of exchange requirements or known re	gulatory action affection	ng the						
☐ A counterp	A counterparty or counterparties independently increased the <i>reporting fund's</i> margin, collateral or equivalent requirements.								
☐ The report ☐ The increa	<ul> <li>☐ The reporting fund established a new relationship or new business with one or more counterparties.</li> <li>☐ The increase is attributable to new investment positions, investment approach or strategy and/or portfolio turnover of the reporting fund.</li> <li>☐ The increase is related to a deteriorating position or positions in the reporting fund's portfolio or other</li> </ul>								
☐ The increa		in the reporting fund's	portfolio or other						
	esponding to this Item C must be filed within one buntemplated in this Item C.	usiness day after occur	rence of a						
Item D. Notic or Equivalent	ce of Margin Default or Determination of Inability ts	to Meet a Call for Mo	argin, Collateral						
call for margin, co cover or address by period an adviser v unless the fund wo information; or (2)	ing information if you either (1) receive notification llateral or an equivalent, resulting in a deficit that they adding additional funds (in situations where there would not be required to file an Item D current reportuded not expect to be able to meet call during such cut if you determine that the <i>reporting fund</i> is unable to aivalent, including in situations where there is a dispatch the margin call.	e reporting fund will read is a contractually agreet until the expiration of the period), provide the meet a call for increase	tot be able to sed upon cure of the cure period e following sed margin,						
of a call for increa	red to file a current report in situations where you a sed margin, collateral or an equivalent, provided th of the disputed amount.)								
	determination for more than one counterparty on the 5-15 for each counterparty affected).	same day, provide the	information						
	notification or determination: unt of margin, collateral or equivalent involved:								
5-14 Counterpa									
1		Counterparty	IFI if any						
Legar	name of the counterparty	Counterparty	LEI, y any						
to the default or you collateral or an equ		meet a call for increa	sed margin,						
co	counterparty increased margin, collateral or equival ntributed to the default or inability to meet a call for uivalent.								
co	equivalent.  Losses in the value of the <i>reporting fund's</i> portfolio or other credit trigger under applicable counterparty agreements contributed to the default or inability to meet a call for increased margin, collateral or an equivalent.								

Form PF	Current report for large hedge fund adviser		Page 49 of 55						
Section 5	(to be completed by large hedge fund advisers with curr	em reports)							
_ "	<ul> <li>□ A default or settlement failure of a counterparty contributed to the default or inability to meet a call for increased margin, collateral or an equivalent.</li> <li>□ Other</li> </ul>								
	responding to this Item D must be filed within one business of scribed by Item D.	day after you n	nake a						
Item E. Co	unterparty Default								
make any other pagreed cure period	to the <i>reporting fund</i> (1) does not meet a call for margin, collaryment, in the time and form contractually required (taking ind), and (2) the amount involved is greater than 5% of the <i>montrovide</i> the following information.	nto account an	y contractually						
	determination for more than one counterparty on the same date to 5-18 for each counterparty affected).	ay, provide the	information						
5-16 Date of default: 5-17 Dollar amount of default: 5-18 Counterparty:									
Г	Legal name of the counterparty	Counterparty	LEI, if any						
contemplated in		lay after occuri	rence of a default						
Item F. Mat	erial Change in Relationship with Prime Broker								
provide the follo	between the <i>reporting fund</i> and any of its prime brokers und wing information.  e material change:	dergoes a mater	rial change,						
5 20 D : D									
5-20 Prime Bro	ker: Legal name of the prime broker	Prime broker	LEL if any						
5-21 Check one of broker relationsh	or more of the following to describe your current understanding:	ng of the chang	ge to the prime						
	The changes concern material trading limits or investment restrictions on the <i>reporting fund</i> including requests to reduce positions, or unwind positions completely material changes in margin, collateral or an equivalent requirements other than those already reported in Item C and D).								
	The prime broker relationship was terminated.								
	f you checked the above box that the prime broker relationsh he below if applicable:	ip was termina	ted, please check						

Form PF	Current report for large hedge fund advisers	Page 50 of 55
Section 5	(to be completed by large hedge fund advisers with current reports)	
N.	The prime broker terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship for default or breach of the reporting fund terminated the relationship fund the relationship fund terminated the relationship fund the relationship fund terminated the relationship fund terminated the relationship fund the relationship fund terminated the relationship fund the relationship	
	esponding to this Item F must be filed within one business day after occuted in this Item F.	arrence of a materia
Item G. Char	nges in Unencumbered Cash	
to calculate unenc recent net asset vo below (If the decr	reporting fund's unencumbered cash (calculated daily using the same mumbered cash value in Question 33) declines by more than 20% of the reduce over a rolling 10 trading day period, provide the following informations case continues, do not file another current report until there is a new 10 decrease that meets the applicable threshold beginning on or after the end	eporting fund's mos ion in Item 5 22-24 consecutive busines
	the rolling 10 business day period: ant of unencumbered cash on the 10 <sup>th</sup> business day:	
	more of the following to describe your current understanding of the circumstance cash:	cumstances relating
П Т П Т	he change is attributable to redemption activity for the <i>reporting fund</i> . he change is attributable to new investment positions, strategy and/or por he change is related to losses in the value of the fund's portfolio. he change is related to a call for margin, collateral, or an equivalent. ther	rtfolio turnover.
	esponding to this Item G must be filed within one business day after last eriod for an event described by this Item G.	day of the rolling
Item H. Ope	rations Event	
significant disrupt a service provider means operations reporting fund; an regulations.	"operations event" means that the reporting fund or private fund adviser ion or degradation of the reporting fund's key operations, whether as a to the reporting fund, the reporting fund, or the adviser. For this purpose necessary for (i) the investment, trading, valuation, reporting, and risk m d (ii) the operation of the reporting fund in accordance with the federal stations event, provide the following:	result of an event at e, "key operations" anagement of the
occurred:	perations event, or date on which you estimate the event first	
	ons event was discovered (discovery date may be same or different e event reported in 5-25):	

5-27 Check one or more of the following to describe your current understanding of circumstances relating to the *operations event* (check all that apply and provide supplementary information in Item K if desired):

Form Pl		Current report for large hedge fund advisers					Page 51 of 55		
Section 5 (to be completed by large hedge fund advisers with current reports)									
	_			_		_	rting fund or the provide the follo		nd adviser caused the mation).
			of Service	e Provider:				[	
	(b) LEI,	•		1.11 4 -	1. 1 1	- (	£ 1		F.1 1
				er, accounting			, fund accountir ther):	ng,	[drop-down menu]
	_		event that o	occurred inte	rnally at	the re	porting fund or	reporting fi	and adviser or a
	related p An opera		event that o	ccurred rela	ted to a r	natura	l disaster or othe	er force maj	eure event not
	within th Other	e conti	ol of the p	rivate fund	adviser.				
				ster recovery dviser or the				elating to the	e operations event
			Yes				No		
operations	event on Disruption Di	the non or don o	ormal opera egradation egradation egradation egradation ng to this I lated in thi mely filing	of trading of trading of the valua of your man of your abil	foorting further fundamental f	and (circum) or the report of the mply within all or on a may		oly): o assets ortfolio asset l's investme laws, rules, ay after you resulting fre practicable p	nt risk and regulations discover an om the <i>operations</i> provided that you
Item I	. Withd	rawals	and Rede	mptions					
most recen	t net ass	et valu	e (after net		subscrip	tions	and other contri		e than 50% of the n investors received
5-30 Date onet asset vo		the n	et redempti	ion requests	exceeded	d 50%	of the most rec	ent	
5-31 Net vareporting a 5-32 Percent	alue of r <i>late</i> and ntage of	the dat	te of this <i>ci</i>	urrent repor	rt:		tween the last $d$		
been reque	stea:								
5-33 Have	you noti	fied in	vestors tha	it the report	ing fund v	will li	quidate?		
			Yes				No		

A current report responding to Item I must be filed within one business day after occurrence of a reporting

event contemplated in this Item I.

Form PF	Current report for large hedge fund advisers	Page 52 of 55
Section 5	(to be completed by large hedge fund advisers with current reports)	

#### Item J. Unable to Satisfy Redemptions or Suspension of Redemptions

If (1) the <i>reporting fund</i> is unable to pay redemption suspension is in place for more than 5 consecutive by	
5-34 Date on which the <i>reporting fund</i> was unable redemptions:	to pay or suspended
5-35 Percentage of fund's most recent net asset val	ue for which redemptions have
been requested and not yet paid on the date of this	current report:
5-36 Have you notified investors that the <i>reporting</i>	fund will liquidate?
Yes	□ No
A <i>current report</i> responding to this Item J must be fit declared for 5 consecutive business days as describe	

# Item K. Explanatory Notes

You may provide any information you believe would be helpful in understanding the information reported in response to any Item in this section 5 of this form. Identify the related question for each comment (use a drop-down menu so that notes are received in a structured format).

Form PF Section 6	Current report (to be completed by an	Page 53 of 55		
Section 6: Curr	ent report for adviser	rs to private equity fi	ınds.	
a current report res number of business of your <i>current rep</i> the event, including	ce of any one or more of the ponding to questions requestions as set forth below the port. You may provide any the causes and/or propo	nired by the applicable for each Item. Respond additional explanation sed resolution in expla	Item(s) (a "current red to the best of your kinn of the facts and circumatory notes under Item	port") in the required nowledge on the date imstances relating to m E of this section 6.
In this section 6, re reporting date.	eferences to most recent n	et asset value mean the	e net asset value repor	ted as of the data
	you are filing an amendme you are amending [Drop-c			de the filing date of
Item A: Infor	mation about you and the	e reporting fund		
6-1 Provide the	e identifying information	requested below.		
Full legal name	SEC 801-Number	NFA ID Number, if any	Large trader ID, if any	Large trader ID suffix, if any
6-2(c) NFA ident	ne reporting fund and identification number of the reporting fund, if any			
I, the undersigned, Section 6 on behal	of authorized representate sign this Section 6 on belf of, and with the authorities on for which another in	half of, and with the au y of, each of the <i>relate</i>	thority of, the <i>firm</i> . In d persons identified in	
Name of individu Signature: Title Email address	al:			
Telephone contac country code): Date	t number (include area co	ode and, if outside the	United States,	
	f of related persons: sign this Section 6 on bel	nalf of, and with the au	thority of, the <i>related</i>	person(s) identified
Name of individual Signature:	al:			
Email address Telephone contact	t number (include area coo	de and, if outside the U	nited States,	

Form PF Section 6		t report for advisers to private equity funds ed by all advisers to private equity funds with current reports)				
country code): Date						
Item B. Ad	viser-Led Secondary Transactions.					
the reporting j	fund completes an adviser-led secondary transaction.	, provide the following	<b>;</b> :			
	ompletion date of transaction: escription of transaction:					
	responding to this Item B must be filed within one bribed by this Item B.	usiness day of comple	tion of the			
Item C. Ge	neral Partner or Limited Partner Clawback.					
	fund effectuates (i) a general partner clawback or (ii) ggregate amount equal to 10 percent of a fund's aggr					
	ffective date:					
	ype of clawback (General Partner/Limited Partner): eason for clawback:					
	responding to this Item C must be filed within one beed by this Item C.	ousiness day of effectua	ation of the			
Item D. Ge	neral Partner Removal, Termination of the Investm	ent Period or Termin	ation of Fund.			
le adviser or its rminate the <i>rep</i>	the reporting fund or its adviser or affiliate of notific affiliate as the general partner or similar control persorting fund's investment period, or elected to termin the reporting fund's governing documents (each, a "	son of the <i>reporting fu</i> ate the <i>reporting fund</i> ,	nd, elected to in each case, as			
	ffective date of <i>removal event</i> :  Description of <i>removal event</i> :					

A *current report* responding to this Item D must be filed within one business day of the effective date of the *removal event* as contemplated by this Item D.

# Item E. Explanatory Notes

You may provide any information you believe would be helpful in understanding the information reported in response to any Item in this Section 6 of this form. Identify the related question for each comment (use a drop-down menu so that notes are received in a structured format).

# Form PF **Section 7**

Request for temporary hardship exemption (to be completed by *private fund advisers* requesting exemption)

Page 55 of 55

Section 7	: 1	Request	for	temporary	hardshi	n exemi	ntion.
	•	request	101	temporar y	mar usim	J CACIII	Duon.

You must complete Section 7 if you are requesting a temporary hardship exemption pursuant to SECrule 204(b)-1(f).

(a)	Fo	r which type of Form PF filing are you requesting a temporary hardship exemption?		
	i.	If you <u>are not</u> a <i>large hedge fund adviser</i> or <i>large liquidity fund adviser</i> : Initial filing  Annual update		
		Final filing		
	ii.	If you are a large hedge fund adviser or large liquidity fund adviser: Initial filing		
		Quarterly update		
		Filing to transition to annual reporting		
		Final filing		
(b)		Provide the following information regarding your request for a temporary hardship exemption (attach a separate page if additional space is needed).		
	i.	Describe the nature and extent of the temporary technical difficulties when you attempt to submit the filing to the Form PF filing system on the IARD:		
	ii.	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:		
	iii.	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:		
	iv.	Provide any other reasons that a temporary hardship exemption is warranted:		

#### **GLOSSARY OF TERMS**

ABCP

Asset backed commercial paper, including (but not limited to) structured investment vehicles, single-seller conduits and multi-seller conduit programs.

<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.

Adviser-led secondary transaction

Any transaction initiated by the adviser or any of its related persons that offers private fund investors the choice to: (i) sell all or a portion of their interests in the private fund; or (ii) convert or exchange all or a portion of their interests in the private fund for interests in another vehicle advised by the adviser or any of its related persons.

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*.

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.

Include bond derivatives.

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) (for

example, CME Clearing, The Depository Trust & Clearing

Corporation, Fedwire and LCH Clearnet Limited).

CDO/CLO Collateralized debt obligations and collateralized loan obligations

(including, in each case, cash flow and synthetic) other than MBS.

<u>Do not</u> include any positions held via *CDS* (these should be recorded

in the CDS

category).

CDS Credit default swaps, including any LCDS.

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.

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).

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

Conditional demand feature Has the meaning provided in rule 2a-7.

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, as of the *data reporting date*, part of a club or consortium including the

private equity fund.

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

Include bond derivatives, but do not 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.

<u>Do not</u> include preferred equities. Include bond derivatives, but <u>do not</u> include any positions held via *CDS* (these should be recorded in

the CDS category).

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

CEA.

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

Credit rating agency Any nationally recognized statistical rating organizations, as that

term is defined in section 3(a)(62) of the Securities Exchange Act of

1934

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).

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

CEA.

Current report A current report provided pursuant to the items listed in Sections 5

and 6 of Form PF.

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 hedge fund adviser* or *large liquidity fund adviser*, your

most recently completed fiscal 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 your most recently completed fiscal quarter.

Demand feature Has the meaning provided in rule 2a-7.

Dependent parallel With respect to any private fund, any related parallel managed account other than a parallel managed account that individually (or

together with other parallel managed accounts that pursue

substantially the same investment objective and strategy and invest side by side in substantially the same positions) has a *gross asset value* greater than the *gross asset value* of such *private fund* (or, if such *private fund* is a *parallel fund*, the *gross asset value* of the

stock futures, equity index futures, dividend swaps, total return

parallel fund structure of which it is a part).

Derivative exposures All synthetic or derivative exposures to equities, including preferred equities, that are not listed on a regulated exchange. Include single

swaps (contracts for difference), warrants and rights.

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.

Digital asset An asset that is issued and/or transferred using distributed ledger or

blockchain technology ("distributed ledger technology"), including, but not limited to, so-called "virtual currencies," "coins," and

"tokens."

ETF Exchange-traded fund.

Exempt reporting

adviser

Has the meaning provided in *Form ADV*.

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

other structured investment vehicles, including credit default

tranches.

Feeder fund See master-feeder arrangement.

Financial industry portfolio company

Any of the following: (i) a nonbank financial company, as defined in the Financial Stability Act of 2010; or (ii) any bank, savings association, bank holding company, financial holding company, savings and loan holding company, credit union or other similar company regulated by a federal, state or foreign banking regulator, including the Federal Deposit Insurance Corporation, the Board of Governors of the Federal Reserve System, the Office of the Comptroller of the Currency, the National Credit Union

Administration or the Farm Credit Administration.

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

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.

Only one currency side of every transaction should be counted.

Form ADV 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.

General partner clawback Any obligation of the general partner, its related persons, or their

respective owners or interest holders to restore or otherwise return performance-based compensation to the fund pursuant to the fund's

governing agreements.

General partner stakes investing

An investment strategy that acquires non-controlling interests in alternative investment managers and other entities that provide advisory services to, or receive compensation from, private funds.

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.

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).

Government entity

Has the meaning provided in *Form ADV*.

Gross asset value

Value of gross assets, calculated in accordance with Part 1A, Instruction 6.e(3) of *Form ADV*.

Gross notional value

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*.

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.

Include bond derivatives, but <u>do not</u> include any positions held via *CDS* (these should be recorded in the *CDS* category).

Guarantee

For purposes of Question 63, has the meaning provided in paragraph (a)(16)(i) of *rule 2a-7*.

Guarantor

For purposes of Question 63, the provider of any guarantee.

Hedge fund

Any private fund (other than a securitized asset fund):

- (a) with respect to which one or more investment advisers (or *related persons* of investment advisers) may be paid a performance fee or allocation calculated by taking into account unrealized gains (other than a fee or allocation the calculation of which may take into account unrealized gains solely for the purpose of reducing such fee or allocation to reflect net unrealized losses);
- (b) that 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) that may sell securities or other assets short or enter into similar transactions (other than for the purpose of hedging currency exposure or managing duration).

Solely for purposes of this Form PF, any *commodity pool* about which you are reporting or required to report on Form PF 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.

Illiquid security

Has the meaning provided in *rule 2a-7*.

Index CDS

CDSs referencing a standardized basket of credit entities, including CDS indices and indices referencing leveraged loans.

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.

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*.

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 subasset 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, such as money market funds, and *ETFs*).

ETFs should be categorized based on the assets that the fund holds and should not be included in this category.

*Key operations* 

For purposes of responding to Sections 5, means the operations necessary for (i) the investment, trading, valuation, reporting, and risk management of the *reporting fund*; and (ii) the operation of the *reporting fund* in accordance with the federal securities laws and regulations.

Large hedge fund adviser

Any *private fund adviser* that is required to file Section 2a of Form PF. See Instruction 3 to determine whether you are required to file this section.

Large liquidity fund adviser

Any private fund adviser that is required to file Section 3 of Form PF.

Large private equity adviser

Any *private fund adviser* that is required to file Section 4 of Form PF. See Instruction 3 to determine whether you are required to file this section.

Large private fund adviser

Any large hedge fund adviser, large liquidity fund adviser or large private equity adviser.

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.

**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.

Do not include any positions held via LCDS (these should be recorded in the CDS category).

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*).

Limited partner clawback

An obligation of a fund's investors to return all or any portion of a distribution made by the fund to satisfy a liability, obligation, or expense of the fund pursuant to the fund's governing agreements.

Listed equity

Direct beneficial ownership of equities, including preferred equities, listed on a regulated exchange.

<u>Do not</u> 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).

Listed equity All synthetic or derivative exposures to equities, including preferred

derivatives equities, listed on a regulated exchange.

Include single stock futures, equity index futures, dividend swaps, total return swaps (contracts for difference), warrants and rights.

LV Value of long positions, measured as specified in Instruction 15.

Master fund See master-feeder arrangement.

Master-feeder An arrangement in which one or more funds ("feeder funds") invest arrangement 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, determined without reference to the

maturity shortening provisions contained in paragraph (i) of rule 2a-

7 regarding interest rate readjustments.

MBS Mortgage backed securities, including residential, commercial and

agency.

Do not include any positions held via CDS (these should be recorded

in the *CDS* category).

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

Most recent net asset value The net asset value reported as of the data reporting date at the end

of the reporting fund's most recent reporting period.

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. If the company reports a business activity code to the U.S. Internal Revenue Service,

you may rely on that code for this purpose.

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).

Net assets under Net assets under management are your regulatory assets under

management minus any outstanding indebtedness or other accrued but

unpaid liabilities.

Net asset value or With respect to any reporting fund, the gross assets reported in

response to Question 8 minus any outstanding indebtedness or other

accrued but unpaid liabilities.

NFA The National Futures Association.

NAV

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: (i) a financial institution chartered outside the United States; (ii) a financial institution that is separately incorporated or otherwise organized outside the United States but has a parent that is a financial institution chartered in 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.

Operations event Means for purposes of sections 5 that the reporting fund or adviser

experiences a significant disruption or degradation of the reporting fund's key operations, whether as a result of an event at a service provider to the reporting fund, the reporting fund, or the adviser.

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

counter.

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

Do not 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.

Other loans All loans other than leveraged loans. Other loans includes (but is not

limited to) bilateral or syndicated loans to corporate entities.

<u>Do not</u> include any positions held via *LCDS* (these should be recorded in the *CDS* category) or certificates of deposit.

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.

Other structured products

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

<u>Do not</u> include any positions held via *CDS* (these should be recorded

in the *CDS* category).

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*.

Performance-based Compensation

Allocations, payments, or distributions of capital based on the *reporting fund*'s (or any of its *portfolio investment's*) capital gains and/or capital appreciation.

Person

Has the meaning provided in *Form ADV*.

Portfolio investments

Any entity or issuer in which the *reporting fund* has directly or indirectly invested.

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).

Principal office and place of business

Has the meaning provided in Form ADV.

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 section 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*.

Private fund assets under management	With respect to any adviser, <i>private fund assets under management</i> are the portion of such adviser's <i>regulatory assets under management</i> that are attributable to <i>private funds</i> it advises.	
Qualifying hedge fund	Any hedge fund that has a net asset value (individually or in	

combination with any feeder funds, parallel funds and/or dependent parallel managed accounts) of at least \$500 million as of the last day of any month in the fiscal quarter immediately preceding your most recently completed fiscal quarter.

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

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 Regulatory assets under management, calculated in accordance with Part 1A, Instruction 5.b of Form ADV.

Related person Has the meaning provided in Form ADV.

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.

<u>Do not</u> include any positions held via *CDS* (these should be recorded

in the *CDS* category).

Reporting event Any event that triggers the requirement to complete and file a current

report pursuant to the items in Sections 5 and 6 of Form PF.

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*. However, if you are reporting aggregate information for any *master-feeder arrangement* or *parallel fund structure*, only the *master fund* or the largest *parallel* 

fund in the structure (as applicable) should be identified as a

reporting fund. See Instructions 3 and 5.

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.

Risk limiting The conditions specified in paragraphs (d) of rule 2a-7. conditions

Rule 2a-7 Rule 2a-7 promulgated by the SEC under the Investment Company

Act of 1940.

SEC U.S. Securities and Exchange Commission.

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

posted 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 whose primary purpose is to issue asset backed

securities and whose investors are primarily debt-holders.

Separately operated For purposes of this Form, a related person is separately operated if

you are not required to complete Section 7.A. of Schedule D to Form

ADV with respect to that related person.

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 the nearest hundredth of one percent. The 7-day gross yield should not reflect a deduction

of shareholders fees and fund operating expenses.

Significant disruption or

degradation

For purposes of Section 5, in instances where the *reporting fund's key operations* are reasonably measurable, this means a 20%

disruption or degradation of normal volume or capacity.

Single name CDS CDSs referencing a single entity.

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.

Include bond derivatives, but do not 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.

Sub-asset class Each sub-asset class identified in Questions 26 and 30.

SV Value of short positions, measured as specified in Instruction 15.

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.

U.S. financial institution

Any of the following: (i) a financial institution chartered in the United States (whether federally-chartered or state-chartered); (ii) a financial institution that is separately incorporated or otherwise organized in the United States but has a parent that is a financial institution chartered outside 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.

U.S. depository institution

Any U.S. domiciled depository institution, including any of the following: (i) a depository institution chartered in the United States, including any federally-chartered or state-chartered bank, savings bank, cooperative bank, savings and loan association, or an international banking facility established by a depositary institution chartered in the United States; (ii) banking offices established in the United States by a financial institution that is not organized or chartered in the United States, including a branch or agency located in the United States and engaged in banking not incorporated separately from its financial institution parent, United States subsidiaries established to engage in international business, and international banking facilities; (iii) any bank chartered in any of the following United States affiliated areas: U.S. territories of American Samoa, Guam, and the U.S. Virgin Islands; the Commonwealth of the Northern Mariana Islands; the Commonwealth of Puerto Rico; the Republic of the Marshall Islands; the Federated States of Micronesia; and the Trust Territory of the Pacific Islands (Palau); or (iv) a credit union (including a natural person or corporate credit union).

U.S. treasury securities

Direct obligations of the U.S. Government. Include *U.S. treasury security* derivatives.

Unencumbered cash

The fund's cash and cash equivalents <u>plus</u> the value of overnight repos used for liquidity management where the assets purchased are U.S. treasury securities or agency securities <u>minus</u> 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 commitments

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

Obligations for borrowed money in respect of which the borrower has not posted collateral or other credit support.

Value

See Instruction 15.

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 life of a *liquidity fund* calculated taking

into account the maturity shortening provisions contained in paragraph (i) of *rule 2a-7*, but determined without reference to the exceptions in paragraph (i) of *rule 2a-7* regarding interest rate readjustments with the dollar-weighted average based on the percentage of each security's market value in the portfolio.

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

taking into account the maturity shortening provisions contained in paragraph (i) of *rule 2a-7* with the dollar-weighted average based on the percentage of each security's market value in the portfolio.

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

As a result, the value of weekly liquid assets should equal or exceed

the value of *daily liquid assets*.