

# **PFRD<sup>TM</sup> Form PF XML Filing Guide**

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**Release 2019.04**

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## **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.

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# Change History

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## Release 2019.04

In the C# sample code for uploading a filing, `binding.Security.Message.EstablishSecurityContext` is changed from "true" to "false". This changes the key exchange and validation protocol to a per call action, rather than doing this once on the first call and the result cached for the duration of a session. Since the code is making a single call to upload a filing, this caching is overhead and unnecessary. Also, the per-session protocol has been found to cause intermittent service failures in load balanced environments.

## Release 2017.12

In addition to the schema changes listed below, please refer to the release notes for revised validations and other updates:

[http://www.iard.com/release\\_notes.asp](http://www.iard.com/release_notes.asp)

### 10/18/2017

Section 2b - Item C - Q40(b).(vii), Q40(b).(viii), Q40(b).(ix): Datatype updated to allow upto 4 decimal places (optional).

### 09/27/2017

Section 3 - Item E - Q63(o): Datatype updated to accept 0 and negative numbers.

## Release 2017.09

Effective September 30, 2017, all web service connections to programmatically upload filings must use HTTPS (HTTP Strict Transport Security) and TLS 1.2 (Transport Layer Security).

## Release 2016.04

In addition to the schema changes listed below, please refer to the release notes for revised validations and other updates:

[http://www.iard.com/release\\_notes.asp](http://www.iard.com/release_notes.asp)

### 03/10/2016

1. Section 2b - Item E - Q50 - % of NAV - 1 day or less to not allow decimals.
2. Section 4 - Item B - Q71 and Q72 to not allow negative numbers.

### 03/09/2016

1. Section 1a - Item A - Q1a LargeTraderID and LargeTraderIDSuffix changed to accept NA, number, or numbers with hyphen.
2. Section 1a - Item A - Q1b - Related Persons LargeTraderID and LargeTraderIDSuffix changed to accept NA, number, or numbers with hyphen.
3. Retired unused type StringRestricted5Type.
4. Data type updated for Q63(d) to standard "LEIType".

### **03/08/2016**

1. Updated Section 3 - Item E - Q63(h) to be required.
2. Updated Section 3 - Item E - Q63(h) to be required.
3. Updated Section 3 - Item E - Q63(l)(ii) to be required.
4. Updated Q64 to be required.

5. Retired the following unused redundant data types:

DecimalRestricted15p0Type

UnsignedDecimalRestricted15p0Type

PositiveDecimalRestricted15p0Type

PositiveDecimalNAExRestricted4p0Type

### **02/23/2016**

1. Datatype updated for Q63(n)(iv) to allow zero.
2. Datatype updated for Q63(q) to allow 7 digits before decimals.

### **02/12/2016**

1. Datatype updated for Q63(o), Q63(p)(i), Q63(p)(ii), Q63(q), Q63(g)(vii), Q63(g)(viii) to require decimal places.
2. Datatype updated for Q63(q), Q63(m)(iii) to allow 0.

### **02/09/2016**

1. Data type updated for Q63(r), Q63(s), Q63(t), Q63(u), Q63(l) (v) to not allow NA.
2. Data type updated for Q63(g)(ix) to allow NA.

### **12/21/2015**

1. Removed Question 56 and PFSection3ItemBQ56LiquidityExposures, PFSection3ItemBQ56LiquidityExposureType, PFSection3ItemBQ56LiquidityExposureItemType, LiquidityExposureProductCodeType.
2. Removed Question 57 and PFSection3ItemBLiquidityFundsPositions, PFSection3ItemBQ57LqdyFundPositionItemType, LiquidityFundPositionsMonthType, PFSection3ItemBLqdyFundPositionsType.
3. Updated PFSection3ItemC to update the Question numbers for Q58 and Q59 to Q56 and Q57 respectively.
4. Updated PFSection3ItemD to update the Question numbers for Questions 60 thru 64 to Questions 58 thru 62.
5. Added PFSection3ItemELiquiditySecurityInfoList for Section 3 - Item E- Q63.
6. Added PFSection3ItemFLiquidityParallelMoneyMarketInfoList for Section 3 - Item F - Q64.
7. Added NFAFundCFTCComplianceFlag to update Section 1- Question 5(c).
8. HedgeAssetClassCDType updated to remove allowed value INV\_OTH\_SUB\_ASST\_CLS (Investments in other sub-asset classes) for Section 2b - Item B - Q35 - Sub-asset class.
9. Data type updated for Q20, Q25, Q28, Q32, Q40, Q46, Q50, Q62 to not allow decimal places.
10. Corrected Capitalization for a few country names in Country list Table.

### **Release 2015.3**

#### **09/12/2015**

1. Updated country code list to only include valid countries, per the ISO standards. This change was consistently made across IARD and PFRD systems in September 2015.

#### **Release 2015.1**

#### **02/03/2015**

1. Updated type "PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType" for question Q46(a) to not to allow decimals in the below elements

TotalFinancingAmount

#### **Release 2014.4**

#### **11/10/2014**

There are no schema changes for this release. Please see the release notes for a list of updated validations:

[http://www.iard.com/release\\_notes.asp](http://www.iard.com/release_notes.asp)

#### **Release 2014.3**

#### **07/10/2014**

1. Updated type "PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType" for question 44 to make the below elements optional

DerivativesPositionsMonth1Value

DerivativesPositionsMonth2Value

DerivativesPositionsMonth3Value

#### **06/03/2014**

1. Removed the 4 "cash and cash equivalent" options from the sub-asset class drop down menu for Form PF, questions 35 and 57
2. Allow blank values for Form PF question 46(b) when 46(a) equals \$0

#### **Release 2014.1**

#### **03/28/2014**

1. Generated version for Production deployment of Release 2014.1 scheduled for April 5, 2014.

#### **02/27/2014**

1. In complex type PFFundType, a new optional boolean element PriorADVFund has been added to report funds from prior ADV.
2. Email validation regex updated to keep it in sync with UI.
3. Simple type NAICSCodeType allows addition of "NA" value.
3. Updated examples and test environment link for Release 2014.1 testing.

#### **Release 2013.4**

#### **10/26/2013**

1. Updated Test & Prod environment link for Release 2013.4.



### 09/05/2013

1. Updated xs:NMTOKEN to new simple type stringPreserveWhiteSpaces for all allowed values to preserve whitespaces (to provide schema validation errors when whitespaces are included for allowed values in xml).
2. Simple type SECNumberType includes allowed values of 8 and 866.
3. Updated Test environment link for Release 2013.4.

## Release 2013.2

### 07/23/2013

Updated Test environment link to Post-Production Test environment for Release 2013.2

### 06/06/2013

Fixed typo for PF-INIT in instructions within Filing Examples page.

### 05/08/2013

1. Added new data types UnsignedDecimalRestricted3p4Type, DecimalRestricted15p1Type and UnsignedDecimalNAExRestricted15p2Type.
2. In the complex type PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType, the data type for the elements (Q26/30 non-measure) has been changed to UnsignedDecimalNAExRestricted15p2Type (not allow negative values) from DecimalNAExRestricted15p2Type.
3. In the complex type PFSection2bItemCHedgeFundRiskVarCalculatedType, the data type for the elements VaRMonth1Percent (Q40(b)(vii)), VaRMonth2Percent (Q40(b)(viii)) and VaRMonth3Percent (Q40(b)(ix)) has been changed to UnsignedDecimalRestricted3p4Type (to allow up to 4 decimals) from PercentType.
4. In the complex type PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType (Q 44), the data type of the elements DerivativesPositionsMonth1Value, DerivativesPositionsMonth2Value and DerivativesPositionsMonth3Value has been changed to UnsignedDecimalNAExRestricted15p0Type (not allow negative values) from DecimalNAExRestricted15p0Type.
5. In the complex type PFSection4ItemBPrivateEquityFinancingType, the data type of the elements PortfolioCompanyDebtEquityRatioAverage (Q67) and PortfolioCompanyDebtEquityRatioLowest (Q69) has been changed to DecimalRestricted15p1Type (allow negative values) from PositiveDecimalRestricted15p1Type.
6. In the complex type PFSection4ItemBPrivateEquityFinancingFinancialCompanyType, the data type of the element PortfolioCompanyDebtEquityRatio (Q76(b)) has been changed to DecimalRestricted15p1Type (allow negative values) from PositiveDecimalRestricted15p1Type.
7. Corrected *<xsd:totalDigits/>* in the following type definitions (this is not a functional change, but just a documentation change as per XSD specs. Other range restrictions were already enforcing the correct range):

Type Name	Old Value	New Value
DecimalRestricted3p2Type	7	5
DecimalRestricted10p2Type	13	12
DecimalRestricted15p2Type	19	17
UnsignedDecimalRestricted15p2Type	18	17
UnsignedDecimalRestricted15p4Type	20	19

DecimalRestricted15p4Type	21	19
PositiveDecimalRestricted15p1Type	17	16
PositiveDecimalRestricted15p2Type	18	17
DecimalRestricted15p2RequiredDecimalType	19	17

## 8. Updated Test environment links for Release 2013.2 -

<https://webcrdtesting.crd.finra.org/PFRD/WebServices/PFFormSubmissionService.svc>

## Release 2012.4

### 10/23/2012

1. Updated production and post-production environment links.

### 9/14/2012

1. In complexType PFSection1aItemAIdentInfo, the element name NFANumber was renamed to NFAFirmID and type was changed to NFAFirmIDType.
2. In complexType PFSection1aItemARelatedPersonType, the element name CFTCOnlyFirm was changed to RelatedPersonType and type was changed to RelatedPersonTypeType.
3. In complexType PFSection1aItemARelatedPersonType, the element name NFANumber was renamed to NFAFirmID and type was changed to NFAFirmIDType.
4. New simpleType RelatedPersonTypeType includes new related person firm type RELY\_SPV.
5. In complexType PFSection1aItemASignatureRltdPrsnType, the element name NFANumber was renamed to NFAFirmID and type was changed to NFAFirmIDType.
6. In complexType PFSection1aItemASignatureRltdPrsnType, the element name LegalName was added to link signature for the new related person firm type RELY\_SPV.
7. In complexType PFSection1aItemASignatureRltdPrsnType, the element name NFAID was renamed to NFAFirmID and type was changed to NFAFirmIDType.
8. In complexType PFSection1bItemAFundIdentInfoType, the element name NFANumber was renamed to NFAFundID and type was changed to NFAFundIDType.
9. In complexType PFSection1bItemAParallelFundType, the element name NFANumber was renamed to NFAFundID and type was changed to NFAFundIDType.
10. In complexType PFSection1cItemBHedgeFundInfoCounterPartyPercentType (Q22), the type for element CounterpartyExposure was changed from PercentNAType to UnsignedDecimalNAExRestricted15p0Type.
11. In complexType PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType (Q26/30), the type for all Month\* element(s) was changed from DecimalNAExRestricted3p2Type to DecimalNAExRestricted15p2RequiredDecimalType.
12. PFFormFilingResult.xsd - updated description and made elements optional to reflect the results xml during the various lifecycle of an upload.
13. Updated XML example files to reflect these changes.
14. Updated Test environment links:

## Release 2012.2

8/25/2012

1. In complexType PFFundType, the type for element FundType was changed from AssetFundsFundTypeType to FundTypeType (NONPRIVATE fund type allowed value is only applicable to Question 3(h)).

8/03/2012

1. Updated PDF documentation for post-production test environment URL.
2. Updated XSD annotations for many questions and types.
3. Updated web service information for using Java clients.
4. Updated typo in example files EXAMPLE\_PF\_UPDATING.xml, EXAMPLE\_PF\_AMEND.xml for MarketFactorLongEffectPct value.
5. Updated type for Questions 14 (FairValueLevel\*AssetsAmount, CostBasedAssetsAmount, FairValueLevel\*LiabilitiesAmount, CostBasedLiabilitiesAmount) to LongRestricted15Type to accept upto 15 digits including negative values.
6. Updated type for Question 20 (StrategyNAVPercent, StrategyCapitalPercent) to PositiveDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals > 0.
7. Updated type for Question 25 (OtherTransactionPercent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals >= 0.
8. Updated type for Question 28(a), (b) (PercentNAVIn\*) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals >= 0.
9. Updated type for Question 32 (PortfolioLiquidatableInDays\*Percent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals >= 0.
10. Updated type for Question 35 (NAVPercent) to DecimalRestricted15p4Type to accept upto 15 digits and 4 decimals including negative values.
11. Updated type for Question 46(a), (b) (TotalFinancingAmount, TotalFinancingInDays\*Percent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals >= 0.
12. Updated type for Question 50 (InvestorLiquidityInDays\*Percent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals >= 0.
13. Updated type for Question 57 (NAVPercent) to DecimalRestricted15p4Type to accept upto 15 digits and 4 decimals including negative values.
14. Updated type for Questions 55(a) (NAVMonth\*Amount) to LongRestricted15Type to accept upto 15 digits including negative values.
15. Updated type for Questions 55(b), (c), (f) (NAVPerShareMonth\*Amount, NAVPerShareMarketBasedMonth\*Amount, SevenDayGrossYieldMonth\*Amount) to DecimalRestricted15p4Type to accept upto 15 digits and 4 decimals including negative values.
16. Updated type for Questions 55(d), (e) (WAMMonth\*Amount, WALMonth1Amount) to UnsignedDecimalRestricted15p2Type

to accept upto 15 digits and 2 decimals >= 0.

17. Updated type for Question 64 (InvestorLiquidityInDays\*Percent) to UnsignedDecimalRestricted15p4Type to accept upto 15 digits and 4 decimals >= 0.

## **5/21/2012**

1. In complexType PFFundType, updated annotations for elements.
2. In complexType PFSection3ItemBLiquidityAssetsType for Q55, type for Questions 55(g), 55(h), and 55(i) changed to LongRestricted5Type to accept positive, negative or zeros.
3. Updated PDF documentation to specify maximum XML message size of 20MB.
4. Updated PDF documentation to include the web service URL for Production environment (live on June 4, 2012 with entitlement).
5. Updated example files.

## **5/15/2012**

1. In complexType PFSection2bItemCHedgeFundEquityMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.
2. In complexType PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.
3. In complexType PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.
4. In complexType PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.
5. In complexType PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.
6. In complexType PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.
7. In complexType PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.
8. In complexType PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType, type for elements MarketFactorLongEffectPct and MarketFactorShortEffectPct are changed to LongRestricted5Type.
9. In complexType PFSection4ItemBPrivateEquityFinancingType, type for element ObligatedTotalValue is changed to PositiveLongRestricted15Type. It accepts only positive values now.
10. In complexType PFSection4ItemBPrivateEquityFinancingType, type for elements PortfolioCompanyDebtEquityRatioAverage, PortfolioCompanyDebtEquityRatioHighest, PortfolioCompanyDebtEquityRatioLowest and PortfolioCompanyDebtEquityRatio are

changed to PositiveDecimalRestricted15p1Type. It accepts only positive values now.

#### 5/4/2012

1. In complexType PFSection1bItemBFundAssetType, type for elements GrossAssetValue, NetAssetValue, EquityValueInOtherFunds and ParallelManagedAccountValue are changed to LongRestricted15Type.
2. In complexType FinanceBorrowingItem16pType, type for elements Month1, Month2 and Month3 are changed to LongRestricted15Type.
3. In complexType PFSection4ItemBPrivateEquityFinancingType, type for elements ObligatedTotalValue and PortfolioCompanyInvestedAmount are changed to LongRestricted15Type.
4. In complexType PFSection4ItemBPrivateEquityFinancingLoanType, type for elements DrawnAmount and UndrawnAmount are changed to LongRestricted15Type.
5. In complexType PFSection4ItemBPrivateEquityFinancingFinancialCompanyType, type for element PortfolioCompanyGrossAssetValue is changed to LongRestricted15Type.
6. In all the above types, the name of the date type is only changed to LongRestricted15Type to make it more clear with respect to the data definition.
7. The regular expression used in the pattern of simple types NFANumberFundType, NFANumberFirmType, FundIDType, DecimalRestricted3p2Type and LEIType are standardized.

#### 4/20/2012

1. In complexType FilingType, extra trailing space removed from enumeration values for PF-FINAL, PF-INIT.
2. In simpleType HedgeAssetClassCDType, enumeration values were updated (COMM\_DER\_CNG to COMM\_DER\_GOLD, COMM\_DER\_CRUD to COMM\_DER\_CRUD\_OIL, COMM\_DER\_OTH\_COMM to COMM\_DER\_NG, COMM\_DER\_POW\_OTH\_COM to COMM\_DER\_OTH\_COMM).
3. In simpleType LiquidityAssetClassCDType, enumeration values were updated (COMM\_DER\_CNG to COMM\_DER\_GOLD, COMM\_DER\_CRUD to COMM\_DER\_CRUD\_OIL, COMM\_DER\_OTH\_COMM to COMM\_DER\_NG, COMM\_DER\_POW\_OTH\_COM to COMM\_DER\_OTH\_COMM).
4. ReportingPeriodType changed to Q (Quarterly) in examples EXAMPLE\_PF\_UPDATING.xml, EXAMPLE\_PF\_AMEND.xml to match the ReportingPeriodQuarter element provided. Annual filing example is in EXAMPLE\_PF\_INIT.xml

#### 4/13/2012

1. In complexType PFSection4ItemBPrivateEquityFinancingFinancialCompanyType, type for elements StateCode and CountryCode are changed to StateCodeType and CountryCodeType respectively with a list of possible values.
2. In complexType PFSection3ItemBLiquidityAssetsType, type for elements AssetsDailyLiquidMonth1Amount, AssetsDailyLiquidMonth2Amount, AssetsDailyLiquidMonth3Amount, AssetsWeeklyLiquidMonth1Amount, AssetsWeeklyLiquidMonth2Amount, AssetsWeeklyLiquidMonth3Amount, AssetsMaturityGreater397DaysMonth1Amount, AssetsMaturityGreater397DaysMonth2Amount and AssetsMaturityGreater397DaysMonth3Amount are changed to PositiveLongRestricted15Type. It accepts only positive values now.
3. In complexType PFSection3ItemCLiquidityFinancingInfoType, type for element CommittedLiquidityFacilitiesAmount is changed

to PositiveLongRestricted15Type. It accepts only positive values now.

#### **4/4/2012**

1. In complexType PFSection3ItemCLiquidityFinancingInfoType, type for element CommittedLiquidityFacilitiesAmount was changed to UnsignedLongRestricted15Type. It accepts 0 now and it does not take any negative values.
2. In complexType PFSection3FinancingInfoMeasureType, type for elements BorrowedAmountMaturityInDays0To1Amount, BorrowedAmountMaturityInDays2To7Amount, BorrowedAmountMaturityInDays8To30Amount, BorrowedAmountMaturityInDays31To397Amount and BorrowedAmountMaturityInDays397MoreAmount were changed to UnsignedLongRestricted15Type. It accepts 0 now and it does not take any negative values.
3. In complexType PFSection3ItemDLiquidityInvestorInfoType, type for elements NumberOfOutstandingShares and NumberOfInvestorsBeneficiallyOwnMore5Percent were changed to UnsignedLongRestricted15Type. It accepts 0 now.

#### **3/30/2012**

1. In complexType PFSection2bItemCHedgeFundRiskVarCalculatedType, type (PositiveDecimalRestricted15p2Type) for elements TimeHorizonDays and HistoricalLookbackPeriodYears were changed to accept 0 now.
2. In complexType PFSection2bItemCHedgeFundRiskVarCalculatedType, validation pattern of the type (DecimalRestricted15p2RequiredDecimalType) for element WeightedFactorValue was changed.

#### **3/27/2012**

1. In complexType PFSection1aItemCMiscellaneousType, type for element Description was changed to StringRestricted10000Type. It allows up to 10,000 characters.
2. In complexType PFSection2bItemDHedgeFundCreditorType, type for element AmountOwed Description was changed to PositiveLongRestricted15Type. It allows only unsignedLong up to 15 digits.

#### **3/20/2012**

1. In complexType PFSection1bItemAFundIdentInfoType, element FundName was removed.
2. In complexType PFSection2bItemBQ31ffHedgeLiquidity, type for elements UnencumberedCashMonth1, UnencumberedCashMonth2 and UnencumberedCashMonth3 were changed to LongRestricted15Type. It allows Long value up to 15 digits.
3. In complexType PFSection2bItemCHedgeFundRiskVarMetricType, type for element NonVaRRiskMetricCode were changed to accommodate more values.

#### **3/13/2012**

1. Xs:annotation were added to PFFormFiling.xsd.
2. In complexType PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType, type for all the elements was changed to UnsignedLongRestricted10Type. It allows only unsignedLong.
3. In complexType PFSection2bItemBQ38ffHedgeCtrlRehypType, type for the elements CounterpartyToFundCollateralMaybeRehypPct, CounterpartyToFundCollateralHasRehypPct and

FundToCounterpartyCollateralMaybeRehypPct were changed to PercentType.

4. In complexType PFSection3ItemCLiquidityFinancingInfoItem, minOccurs of the element CommittedLiquidityFacilitiesAmount was added.

5. MinOccurs was added to complexTypes PFSection4ItemBPrivateEquityFinancingLoan and PFSection4ItemBPrivateEquityFinancingFinancialCompany.

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# How To Submit XML Filings

---

## Introduction

To facilitate filing of Form PF the SEC provides an XML-based filing submission interface. Filers who submit Form PF via XML are subject to the same Federal information law and requirements imposed on any other filers. Please see the [Preface](#) of this document for details on these requirements.

The XML-based Form PF filing interface may be accessed in two ways: (1) interactively via the PFRD *Website*, and (2) programmatically, machine-to-machine, via the PFRD filing submission *Web Service*. Whether accessed interactively via the website or programmatically via the web service, this XML interface is secure and requires a username and password. For more information on obtaining a username and password please refer to the [FINRA Entitlement Program](#) page.

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## Filing Interactively Via the PFRD Website

The PFRD website provides an *XML Filing Upload* menu with two links: *XML Manual Upload* and *XML Upload History*. XML filers can submit a Form PF filing by clicking the *XML Manual Upload* link and completing the following 3 steps:

1. Press the *Browse* button,
2. Select an XML file that conforms to the schema described in the [Filing Schema Reference](#) section of this document (the name of the XML file is unimportant to PFRD), and then
3. Press the *Upload File* button.

Optionally, an email address may be entered before pressing *Upload File*. If an email address is supplied, an email will be sent to the supplied address when the XML filing has been processed by the system. The email message will indicate the success or failure of the filing attempt.

Finally, by clicking the *XML Upload History* link on the *XML Filing Upload* menu, XML filers can review the history of their filings, including detailed information regarding any missing or incomplete information required to successfully process their filing.

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## Filing Programmatically Via the PFRD Web Service

Similar to the way that filers may submit XML [interactively via the PFRD Website](#), filers may also submit XML machine-to-machine via the web service [UploadFiling](#) operation.

The PFRD web service is hosted with .Net 4.7 framework using https and wsHttpBinding conforming to WS-\* standards.

The size of the XML file submitted via [UploadFiling](#) should be less than 20 MB and must also conform to the schema described in the [Filing Schema Reference](#) section of this document.

The [UploadFiling](#) operation returns a *Filing Result* XML file that is described in the [Filing Result Schema Reference](#) section of this document. The *Filing Result* returned by the [UploadFiling](#) operation contains only an *uploadID* which may subsequently be used to obtain status information on the filing.

To obtain filing status and error information from the web service, filers may call the [GetFilingStatus](#) operation, specifying the *uploadID* of the filing for which they want information. The [GetFilingStatus](#) operation also returns a *Filing Result* XML file that conforms to the [Filing Result Schema](#). The *Filing Result* returned by [GetFilingStatus](#) contains detailed information including the status of the filing and any error messages.

Refer to the [Web Service Reference](#) section of this document and [Web Service Description Language](#) (WSDL) file (available from the URL below) for detailed information on the operations supported by the web service. [Sample code](#) for uploading a filing via the web service is also provided.

The PFRD Web Service URL is:

<https://crd.finra.org/PFRD/WebServices/PFFormSubmissionService.svc>

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## Filing Schema Overview

Regardless of the mechanism used to submit a Form PF XML Filing, the XML file submitted must conform to the Filing Schema. The schema is provided along with this *Guide* as an XML Schema Definition (.xsd) file. And it is also described in the [Filing Schema Reference](#) section of this document.

The Filing Schema defines the following notable elements of an acceptable XML file submission:

- A [PFXMLFiling](#) element wraps the entire contents of the filing.
- One of the most important sub-elements of [PFXMLFiling](#) is the PFFunds element which represents a collection of PFFund sub-elements (of type [PFFundType](#)).
  - The PFFunds collection must contain all of the funds being reported on for a given filing. It is a "master list" of funds to which all fund-specific data in the remainder of the filing must refer.
  - Fund references within the filing are based on the [PFFundType](#)'s FundID field (of type [FundIDType](#)), which is a string of the form: "805-NNNNNNNNNN", also known as a Private Fund ID.
    - Private Fund IDs are unique "805 numbers" and *must* be obtained from the PFRD website prior to submitting a filing for a given fund.
    - However, if the fund is also subject to reporting on Form ADV and a Private Fund ID has already been obtained for the fund from the IARD website, the existing Private Fund ID should also be used for filing Form PF.
- Aside from the PFFunds element, the remainder of [PFXMLFiling](#) sub-elements fall into two main categories:
  - Those containing general or consolidated information that isn't linked to a specific fund in the PFFunds collection, and
  - Those containing fund-specific information that is linked to a specific fund by FundID "805 number".

Finally, here are some additional helpful tips relating to the Filing Schema:

- The [PFXMLFiling](#) sub-elements are defined in a "flat" structure that does *not* mirror the hierarchy of Sections, Items, and Questions on Form PF. Instead, the sub-elements encapsulate this hierarchy within the name of the element or type itself. For example: sub-element PFSection2bItemBHedgeFundsPositions of type [PFSection2bItemBHedgeFundPositionsType](#) encapsulates the hierarchy of Form PF Section 2b, Item B, down to question 35, for a specific fund identified within this sub-element by FundID. This design provides filers with flexibility in the order and arrangement of sub-elements within the overall [PFXMLFiling](#).
- To assist filers in relating schema elements to specific Questions on Form PF the [Filing Schema Reference](#) section of this document notes the relevant Question using the notation "Q#". For example, by using the PDF text search feature (in Adobe Reader, the "Find" option on the "Edit" menu) and searching this document for all occurrences of "Q57" (without quotes), filers may identify schema elements relating to Form PF Section 3, Item B, Question 57.
- Some fields allow the special value NA ("Not Applicable") to be provided. The [AlternateTextType](#) encapsulates this special value.



## PFFormSubmissionService.UploadFiling Operation

Use this operation to submit a Form PF filing. In order to invoke this operation the caller must have the "XML Web Service Upload" privilege. See the [Introduction](#) for more information on obtaining a username and password with the proper privileges.

### Syntax

C#

```
public string UploadFiling(string userReferenceID, string emailAddress, string xmlStrIn)
```

VB

```
Public Function UploadFiling(ByVal userReferenceID As String, ByVal emailAddress As String, ByVal xmlStrIn As String) As String
```

Java

```
public String UploadFiling(String userReferenceID, String emailAddress, String xmlStrIn)
```

### Parameters

userReferenceID

Type: System.String

A string or ID that the filer wishes to associate with this filing. This parameter may be used to cross-reference this filing to information in the filer's system. The value specified for this parameter is returned to the filer in corresponding calls to the [GetFilingStatus](#) operation. The maximum allowed length for this parameter is 1024.

emailAddress

Type: System.String

Filer's email address(es) for receiving notification of the submission status. Upto 10 email addresses separated by a comma (,) or semi-colon (;) are allowed. Each email address provided must be valid with length not exceeding 128 characters.

xmlStrIn

Type: System.String

An XML string in iso-8859-1 encoding containing the Form PF filing.

### Returns

Type: System.String

An XML string in iso-8859-1 encoding containing the result of the operation.

## PFFormSubmissionService.GetFilingStatus Operation

Use this operation to obtain the status for a previously submitted Form PF filing. In order to invoke this operation, the caller must have the "XML Web Service Upload" privilege. See the [Introduction](#) for more information on obtaining a username and password with the proper privileges.

### Syntax

C#

```
public string GetFilingStatus (int uploadID)
```

VB

```
Public Function GetFilingStatus(ByVal uploadID As Integer) As String
```

Java

```
public String GetFilingStatus (int uploadID)
```

### Parameters

uploadID

Type: System.Int32

A unique ID associated with the filing submission. This ID is returned to the caller after [UploadFiling](#) is invoked.

### Returns

Type: System.String

An XML string in iso-8859-1 encoding containing current status of filing upload process.

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## Upload a Filing Via the Web Service - (Java)

Java client was tested with Metro JAX-WS with WSIT to conform to WS-\*standards (for wsHttpBinding).

Reference article to configure WS-Security for Metro: <http://www.ibm.com/developerworks/java/library/j-jws10/index.html>

Please contact [PFRDSupport@finra.org](mailto:PFRDSupport@finra.org) if you need test sample code.

## Upload a Filing Via the Web Service - Sample Code (C#)

The sample code provided on the next page may be used in Microsoft Visual Studio 2010 by performing the following steps:

1. Launch Microsoft Visual Studio 2010.
2. From the *File* menu, open the *New Project* dialog by selecting *New*, and then *Project*.
3. In the *New Project* dialog, select the *Visual C#*, *Windows* node from the *Installed Templates* list and then click on *Console Application*.
4. In the *Name* field, enter *PFWebServiceTestUtilityConsole* and then press the *OK* button. The new Console Application is created.
5. From the *Project* menu, select *Add Reference*.
6. On the *.NET* tab of the *Add Reference* dialog, select the *System.ServiceModel* component and then press the *OK* button.
7. From the *Project* menu, select *Add Service Reference*.
8. In the *Address* field enter the PFRD Web Service URL  
(<https://crd.finra.org/PFRD/WebServices/PFFormSubmissionService.svc>) and then press the *Go* button.
9. In the *Namespace* field enter *PFServiceReference* and then press the *OK* button.
10. Finally, copy-and-paste the sample code from the next page of this document into the Program.cs file, overwriting all of the existing code in that file.

```

using System;
using System.Text;
using System.IO;
using System.ServiceModel;
using System.ServiceModel.Security;
using System.Net;
using System.Net.Security;
using System.Security.Cryptography.X509Certificates;
using PFWebServiceTestUtilityConsole;
namespace PFWebServiceTestUtilityConsole
{
    class Program
    {
        private EndpointAddress ServiceEndpoint;
        private WSHttpBinding binding;
        private string fileName = @"c:\somefilename.xml";
        private string email = @"somename@someorg.com";
        static void Main(string[] args)
        {
            Program p = new Program();
            p.InitializeService();
            p.Execute();
        }
        public void InitializeService()
        {
            ServicePointManager.ServerCertificateValidationCallback = new
RemoteCertificateValidationCallback(customCertificateValidation);
            ServicePointManager.SecurityProtocol = SecurityProtocolType.Tls12;
            binding = new WSHttpBinding();
            binding.Name = "WSHttpBinding_PFFormSubmissionService";
            binding.CloseTimeout = new TimeSpan(0, 3, 0);
            binding.OpenTimeout = new TimeSpan(0, 3, 0);
            binding.ReceiveTimeout = new TimeSpan(0, 10, 0);
            binding.SendTimeout = new TimeSpan(0, 3, 0);
            binding.Security.Mode = SecurityMode.TransportWithMessageCredential;
            binding.Security.Transport.ProxyCredentialType = HttpClientCredentialType.None;
            binding.Security.Transport.ClientCredentialType = HttpClientCredentialType.None;
            binding.Security.Transport.Realm = "";
            binding.Security.Message.ClientCredentialType = MessageCredentialType.UserName;
            binding.Security.Message.NegotiateServiceCredential = true;
            binding.Security.Message.AlgorithmSuite = SecurityAlgorithmSuite.Default;
            binding.Security.Message.EstablishSecurityContext = false;
            binding.ReaderQuotas.MaxStringLength = 10000000;
            binding.MaxReceivedMessageSize = 10000000;
        }
        public static bool customCertificateValidation(object sender, X509Certificate cert, X509Chain chain, SslPolicyErrors sslError)
        {
            // Actual certificate validation goes here
            return true;
        }
        public void Execute()
        {
            string xml;
            string xmlOut = null;
            ServiceEndpoint = new EndpointAddress(new Uri("https://crd.fina.org/PFRD/WebServices/PFFormSubmissionService.svc"));
            using (PFFormSubmissionServiceClient pf = new PFFormSubmissionServiceClient(binding, ServiceEndpoint))
            {
                pf.ClientCredentials.UserName.UserName = "username";
                pf.ClientCredentials.UserName.Password = "password";
                try
                {
                    pf.Open();
                    using (StreamReader reader = new StreamReader(fileName))
                    {
                        xml = reader.ReadToEnd();
                    }
                    xmlOut = pf.UploadFile(fileName, email, xml);
                }
                catch (Exception ex)
                {
                    xmlOut = ex.ToString();
                }
                finally
                {
                    if (pf.State == CommunicationState.Opened) pf.Close();
                }
            }
            Console.WriteLine(xmlOut);
        }
    }
}

```

## Schema Reference Legend



# How to Read Schema Reference Pages

The following hypothetical "Australian Address" schema element is not part of Form PF. It is provided with annotations that explain the layout and content of the actual schema elements and types in the remainder of the *Schema Reference* sections of this document.

Complex Type:

AusAddress

Schema Component Type

Schema Component Name

Super-types:

[Address](#) < AusAddress (by extension)

Sub-types:

- [QLDAddress](#) (by restriction)

If this schema component is a type definition, its type hierarchy is shown in a gray-bordered box.

Name	AusAddress
Abstract	no

The table above displays the properties of this schema component.

## XML Instance Representation

```
<... country="Australia">
  <unitNo> string </unitNo> [0..1]
  <houseNo> string </houseNo> [1]
  <street> string </street> [1]
  Start Choice[1]
    <city> string </city> [1]
    <town> string </town> [1]
  End Choice
  <state> AusStates </state> [1]
  <postcode> string <<pattern = [1-9][0-9]{3}>> </postcode> [1]
</...>
```

The XML Instance Representation table above shows the schema component's content as an XML instance.

- The minimum and maximum occurrence of elements and attributes are provided in square brackets, e.g. [0..1].
- Model group information are shown in gray, e.g. Start Choice ... End Choice.
- For type derivations, the elements and attributes that have been added to or changed from the base type's content are shown in **bold**.
- If an element/attribute has a fixed value, the fixed value is shown in green, e.g. country="Australia".
- Otherwise, the type of the element/attribute is displayed.
  - If the element/attribute's type is in the schema, a link is provided to it.
  - For local simple type definitions, the constraints are displayed in angle brackets, e.g. <<pattern = [1-9][0-9]{3}>>.

## Schema Component Representation

```
<complexType name="AusAddress">
  <complexContent>
    <extension base="Address">
      <sequence>
        <element name="state" type="AusStates"/>
        <element name="postcode">
          <simpleType>
            <restriction base="string">
              <pattern value="[1-9][0-9]{3}"/>
            </restriction>
          </simpleType>
        </element>
      </sequence>
      <attribute name="country" type="string" fixed="Australia"/>
    </extension>
  </complexContent>
</complexType>
```

The Schema Component Representation table above displays the underlying XML representation of the schema component. (Annotations are not shown.)

Schema Properties

Documentation

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Version: Release 2017.12 (last updated on 10/18/2017)

Change History:

In addition to the schema changes listed below, please refer to the release notes for revised validations and other updates: [http://www.iard.com/release\\_notes.asp](http://www.iard.com/release_notes.asp)

10/18/2017

- Section 2b - Item C - Q40(b).(vii), Q40(b).(viii), Q40(b).(ix): Datatype updated to allow upto 4 decimal places (optional).

09/27/2017

- Section 3 - Item E - Q63(o): Datatype updated to accept 0 and negative numbers.

03/10/2016

- Section 2b - Item E - Q50 - % of NAV - 1 day or less to not allow decimals.

- Section 4 - Item B - Q71 and Q72 to not allow negative numbers.

03/09/2016

- Section 1a - Item A - Q1a LargeTraderID and LargeTraderIDSuffix changed to accept NA, number, or numbers with hyphen

- Section 1a - Item A - Q1b - Related Persons LargeTraderID and LargeTraderIDSuffix changed to accept NA, number, or numbers with hyphen

- Retired unused type StringRestricted5Type

- Data type updated for Q63(d) to standard "LEIType".

03/08/2016

- Updated Section 3 - Item E - Q63(h) to be required.

- Updated Section 3 - Item E - Q63(h) to be required.

- Updated Section 3 - Item E - Q63(l)(ii) to be required.

- Updated Q64 to be required.

- Retired the following unused redundant data types:

-- DecimalRestricted15p0Type

-- UnsignedDecimalRestricted15p0Type

-- PositiveDecimalRestricted15p0Type

-- PositiveDecimalNAExRestricted4p0Type

02/23/2016

- Datatype updated for Q63(n)(iv) to allow zero

- Datatype updated for Q63(q) to allow 7 digits before decimals

02/12/2016

- Datatype updated for Q63(o), Q63(p)(i), Q63(p)(ii), Q63(q), Q63(g)(vii), Q63(g)(viii) to require decimal places.

- Datatype updated for Q63(q), Q63(m)(iii) to allow 0

02/09/2016

- Data type updated for Q63(r), Q63(s), Q63(t), Q63(u), Q63(l) (v) to not allow NA

- Data type updated for Q63(g)(ix) to allow NA

12/21/2015

- Removed Question 56 and PFSection3ItemBQ56LiquidityExposures,

PFSection3ItemBQ56LiquidityExposureType, PFSection3ItemBQ56LiquidityExposureItemType, LiquidityExposureProductCodeType

- Removed Question 57 and PFSection3ItemBLiquidityFundsPositions,

PFSection3ItemBQ57LqdyFundPositionItemType, LiquidityFundPositionsMonthType,

PFSection3ItemBLqdyFundPositionsType

- Updated PFSection3ItemC to update the Question numbers for Q58 and Q59 to Q56 and Q57 respectively.

- Updated PFSection3ItemD to update the Question numbers for Questions 60 thru 64 to Questions 58 thru

62.

- Added PFSection3ItemELiquiditySecurityInfoList for Section 3 - Item E - Q63

- Added PFSection3ItemFLiquidityParallelMoneyMarketInfoList for Section 3 - Item F - Q64

- Added "NFAFundCFTCComplianceFlag" to update Section 1 - Question 5(c)

- "HedgeAssetClassCDType" updated to remove allowed value INV\_OTH\_SUB\_ASST\_CLS (Investments in other sub-asset classes) for Section 2b - Item B - Q35 - Sub-asset class

- Data type updated for Q20, Q25, Q28, Q32, Q40, Q46, Q50, Q62 to not allow decimal places

11/11/2015

- Corrected Capitalization for a few country names in Country list Table

09/12/2015

- Updated country code list to only include valid countries, per the ISO standards. This change was consistently made across IARD and PFRD systems in September 2015.

Global Declarations

<b>Name</b>	PFXMLFiling
<b>Type</b>	Locally-defined complex type
<b>Niltable</b>	no
<b>Abstract</b>	no

#### XML Instance Representation

```

<PFXMLFiling>
  <!-- Filing Type for the Form PF filing
    Allowed values (code-description) are:
    PF-AMEND - Amendment Filing
    PF-FINAL - Final Filing
    PF-INIT - Initial Filing
    PF-TRANS - Transition Filing
    PF-UPDATING - Updating Filing -->
  <FilingType> stringPreserveWhiteSpaces (value comes from list: {'PF-AMEND' | 'PF-FINAL' | 'PF-INIT' | 'PF-TRANS' |
  'PF-UPDATING'}) </FilingType> [1]
  <!-- The reporting period type for this filing: Q for quarterly or A for annual.
    Large hedge fund advisers or large liquidity fund advisers must generally
    file on a quarterly basis. This is not needed for PF-FINAL/PF-TRANS filings -->
  <ReportingPeriodType> stringPreserveWhiteSpaces (value comes from list: {'A' | 'Q'}) </ReportingPeriodType> [0..1]
  <!-- The quarter- or year-ending date for this filing in YYYY-MM-DD format. This is not needed for PF-FINAL/PF-TRANS
  filings -->
  <ReportingPeriodEndDate> xsd:date </ReportingPeriodEndDate> [0..1]
  <!-- The quarter number corresponding to the ReportingPeriodEndDate for this filing. This is not needed for PF-
  FINAL/PF-TRANS filings or for Annual filings -->
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    Note that the filer's Legal Name and SEC 801-Number (if any) are not
    supplied here. PFRD infers that information from the filer's login credentials. -->
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<!-- List *all* of the funds for which information is being reported.
      This is a "master list" of funds to which all fund-specific data in the remainder
      of the filing must refer.
      If a "Private Fund ID" ("805 number") has not been obtained from the PFRD or IARD website
      for a given fund, then visit the PFRD website to generate a Private Fund ID before attempting
      to include the fund here.
      (This list maps to Q5(a), Q18, Q29, Q51, and Q65) -->
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<!-- Section 2a - Item A - Q27, Q28 - Exposure of hedge fund assets -->
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<!-- Section 2b - Item B - Check this box if you advise only one hedge fund. If you check this box, you may skip Q30 -->
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<!-- Section 2b - Item D - Q44, Q45, Q46 - Financing information -->
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<!-- Section 2b - Item E - Q48, Q49, Q50 - Investor information -->
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#### Schema Component Representation

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  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemDLiquidityInvestorInfo" type="PFSection3ItemDLiquidityInvestorInfoType"
        maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection3ItemELiquiditySecurityInfoList" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemELiquiditySecurityInfo" type="PFSection3ItemELiquiditySecurityInfoType"
        maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection3ItemFLiquidityParallelMoneyMarketInfoList" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection3ItemFLiquiditySecurityParallelMoneyMarketInfo"
        type="PFSection3ItemFLiquidityParallelMoneyMarketInfoType" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:element name="PFSection4ItemBPrivateEquityFinancings" minOccurs="0" maxOccurs="1">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PFSection4ItemBPrivateEquityFinancing"
        type="PFSection4ItemBPrivateEquityFinancingType" maxOccurs="unbounded" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

```

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# Global Definitions

## Complex Type: DateNAExType

Super-types:	None
Sub-types:	None

Name	DateNAExType
Abstract	no

### XML Instance Representation

```
<...>
  <Value> union of: [ xs:date,AlternateTextType ] </Value> [1]
</...>
```

### Schema Component Representation

```
<xsd:complexType name="DateNAExType">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="xs:dateAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted10p2Type**

Super-types:	None
Sub-types:	None

Name	DecimalNAExRestricted10p2Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ DecimalRestricted10p2Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted10p2Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="DecimalRestricted10p2TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted12p2RequiredDecimalType**

Super-types:	None
Sub-types:	None

Name	DecimalNAExRestricted12p2RequiredDecimalType
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ DecimalRestricted12p2RequiredDecimalType,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted12p2RequiredDecimalType">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="DecimalRestricted12p2RequiredDecimalTypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted15p0Type**

Super-types:	None
Sub-types:	None

Name	DecimalNAExRestricted15p0Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ LongRestricted15Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted15p0Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="LongRestricted15TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted15p2RequiredDecimalType**

Super-types:	None
Sub-types:	None

Name	DecimalNAExRestricted15p2RequiredDecimalType
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ DecimalRestricted15p2RequiredDecimalType,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted15p2RequiredDecimalType">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="DecimalRestricted15p2RequiredDecimalTypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **DecimalNAExRestricted15p2Type**

Super-types:	None
Sub-types:	None

Name	DecimalNAExRestricted15p2Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ DecimalRestricted15p2Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="DecimalNAExRestricted15p2Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="DecimalRestricted15p2TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **FinanceBorrowingItem15pType**

Super-types:	None
Sub-types:	None

Name	FinanceBorrowingItem15pType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q43 1st Month Amount for this item -->
  <Month1> UnsignedLongRestricted15Type </Month1> [1]
  <!-- Q43 2nd Month Amount for this item -->
  <Month2> UnsignedLongRestricted15Type </Month2> [1]
  <!-- Q43 3rd Month Amount for this item -->
  <Month3> UnsignedLongRestricted15Type </Month3> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinanceBorrowingItem15pType">
  <xsd:sequence>
    <xsd:element name="Month1" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="Month2" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="Month3" type="UnsignedLongRestricted15Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **FinanceBorrowingItem16pType**

Super-types:	None
Sub-types:	None

Name	FinanceBorrowingItem16pType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q43 1st Month Amount for this item -->
  <Month1> LongRestricted15Type </Month1> [1]
  <!-- Q43 2nd Month Amount for this item -->
  <Month2> LongRestricted15Type </Month2> [1]
  <!-- Q43 3rd Month Amount for this item -->
  <Month3> LongRestricted15Type </Month3> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinanceBorrowingItem16pType">
  <xsd:sequence>
    <xsd:element name="Month1" type="LongRestricted15Type" minOccurs="1"/>
    <xsd:element name="Month2" type="LongRestricted15Type" minOccurs="1"/>
    <xsd:element name="Month3" type="LongRestricted15Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **FinanceBorrowingItem3pType**

Super-types:	None
Sub-types:	None

Name	FinanceBorrowingItem3pType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q43 1st Month percent for this item -->
  <Month1> PercentType </Month1> [1]
  <!-- Q43 2nd Month percent for this item -->
  <Month2> PercentType </Month2> [1]
  <!-- Q43 3rd Month percent for this item -->
  <Month3> PercentType </Month3> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="FinanceBorrowingItem3pType">
  <xsd:sequence>
    <xsd:element name="Month1" type="PercentType" minOccurs="1"/>
    <xsd:element name="Month2" type="PercentType" minOccurs="1"/>
    <xsd:element name="Month3" type="PercentType" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: HedgeFundPositionsMonthType

Super-types:	None
Sub-types:	None

Name	HedgeFundPositionsMonthType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Section 2b - Item B - Q35 - Hedge Fund Position Item in each of the three months -->
  <PFSection2bItemBHedgeFundPositionItem> PFSection2bItemBHedgeFundPositionItemType
</PFSection2bItemBHedgeFundPositionItem> [0..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="HedgeFundPositionsMonthType">
  <xsd:sequence>
    <xsd:element name="PFSection2bItemBHedgeFundPositionItem" type="PFSection2bItemBHedgeFundPositionItemType"
      minOccurs="0" maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PercentNAType**

Super-types:	None
Sub-types:	None

Name	PercentNAType
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ PercentType,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PercentNAType">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PercentTypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFFundType**

Super-types:	None
Sub-types:	None

Name	PFFundType
Abstract	no
Documentation	This type maps to Q5, Q18, Q29, Q51, or Q65 depending on the FundType. This node should list all the funds that will have details provided in later sections.

XML Instance Representation

```
<...>
  <!-- Q5(b) Private fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Private fund type of the reporting fund -->
  <FundType> FundTypeType </FundType> [1]
  <!-- Q5(a) Private fund name of the reporting fund -->
  <FundName> StringRestricted256Type </FundName> [1]
  <!-- Indicates if the reporting fund is a commodity pool only fund being reported on Form PF -->
  <CFTCFund> BooleanYNTYPE </CFTCFund> [0..1]
  <!-- Indicates if the reporting fund has been reported on a prior Form ADV -->
  <PriorADVFund> BooleanYNTYPE </PriorADVFund> [0..1]
  <!-- Used to remove this fund from reporting after it was reported in a prior filing within the same reporting period -->
  <ActionCode> FundActionCodeType </ActionCode> [0..1]
  <!-- NFA ID Number of the firm that is reporting a commodity pool only fund on Form PF. This is only needed if CFTCFund=Y to link the commodity pool only fund to a commodity pool operator/Commodity Trading Advisor. -->
  <NFAFirmID> NFAFirmIDType </NFAFirmID> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFFundType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="FundType" type="FundTypeType"/>
    <xsd:element name="FundName" type="StringRestricted256Type"/>
    <xsd:element name="CFTCFund" type="BooleanYNTYPE" minOccurs="0"/>
    <xsd:element name="PriorADVFund" type="BooleanYNTYPE" minOccurs="0"/>
    <xsd:element name="ActionCode" type="FundActionCodeType" minOccurs="0"/>
    <xsd:element name="NFAFirmID" type="NFAFirmIDType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1aItemARelatedPersonType**

Super-types:	None
Sub-types:	None

Name	PFSection1aItemARelatedPersonType
Abstract	no
Documentation	Section 1a - Item A - Q1b - Related Persons. Note that if RelatedPersonType = "RGSTD_ERA", the PFRD system will use the provided CRDNumber (or alternatively the provided SECNumber) to lookup any information on file for the Related Person in IARD. Any information found in IARD will be used to fill-in or correct the LegalName and SECNumber for the Related Person in the filing. If RelatedPersonType is "CPO_CTA" or "RELY_SPV", PFRD requires the filer to supply the correct LegalName for the Related Person.

XML Instance Representation

```
<...>
  <!-- Indicates if the related person is an SEC Registered Adviser/ERA active firm Or a Commodity Pool Operator Or a Relying Adviser/Special Purpose Vehicle -->
  <RelatedPersonType> RelatedPersonTypeType </RelatedPersonType> [1]
  <!-- Q1b - CRD Number, if any of the Related Person -->
  <CRDNumber> PositiveIntRestricted8Type </CRDNumber> [0..1]
  <!-- Q1b - Legal Name of the Related Person -->
  <LegalName> StringRestricted128Type </LegalName> [0..1]
  <!-- Q1b - SEC Number Type, if any of the Related Person -->
  <SECNumberType> SECNumberTypeType </SECNumberType> [0..1]
  <!-- Q1b - SEC Number, if any of the Related Person -->
  <SECNumber> PositiveIntRestricted8Type </SECNumber> [0..1]
  <!-- Q1b - NFA ID Number, if any of the Related Person -->
  <NFAFirmID> NFAFirmIDType </NFAFirmID> [0..1]
  <!-- Q1b - Large trader ID, if any of the Related Person -->
  <LargeTraderID> TradeIDType </LargeTraderID> [0..1]
  <!-- Q1b - Large trader ID suffix, if any of the Related Person -->
  <LargeTraderIDSuffix> TradeIDSuffixType </LargeTraderIDSuffix> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1aItemARelatedPersonType">
  <xsd:sequence>
    <xsd:element name="RelatedPersonType" type="RelatedPersonTypeType" minOccurs="1"/>
    <xsd:element name="CRDNumber" type="PositiveIntRestricted8Type" minOccurs="0"/>
    <xsd:element name="LegalName" type="StringRestricted128Type" minOccurs="0"/>
    <xsd:element name="SECNumberType" type="SECNumberTypeType" minOccurs="0"/>
    <xsd:element name="SECNumber" type="PositiveIntRestricted8Type" minOccurs="0"/>
    <xsd:element name="NFAFirmID" type="NFAFirmIDType" minOccurs="0"/>
    <xsd:element name="LargeTraderID" type="TradeIDType" minOccurs="0"/>
    <xsd:element name="LargeTraderIDSuffix" type="TradeIDSuffixType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1alterASignatureMainType**

Super-types:	None
Sub-types:	<ul style="list-style-type: none"><li><a href="#">PFSection1alterASignatureRltdPrsnType</a> (by extension)</li></ul>

Name	PFSection1alterASignatureMainType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q2 Name of individual -->
  <IndividualName> StringRestricted128Type </IndividualName> [1]
  <!-- Q2 Signature -->
  <Signature> StringRestricted128Type </Signature> [1]
  <!-- Q2 Title -->
  <Title> StringRestricted128Type </Title> [1]
  <!-- Q2 Email address -->
  <EmailAddress> EmailType </EmailAddress> [1]
  <!-- Q2 Telephone contact number -->
  <TelephoneNumber> StringRestricted27Type </TelephoneNumber> [1]
  <!-- Q2 Date -->
  <SignatureDate> xsd:date </SignatureDate> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1aItemASignatureMainType">
  <xsd:sequence>
    <xsd:element name="IndividualName" type="StringRestricted128Type"/>
    <xsd:element name="Signature" type="StringRestricted128Type"/>
    <xsd:element name="Title" type="StringRestricted128Type"/>
    <xsd:element name="EmailAddress" type="EmailType"/>
    <xsd:element name="TelephoneNumber" type="StringRestricted27Type"/>
    <xsd:element name="SignatureDate" type="xsd:date"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1aItemASignatureRltdPrsnType**

Super-types:	<a href="#">PFSection1aItemASignatureMainType</a> < <b>PFSection1aItemASignatureRltdPrsnType</b> (by extension)
Sub-types:	None

Name	PFSection1aItemASignatureRltdPrsnType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q2 Name of individual -->
  <IndividualName> StringRestricted128Type </IndividualName> [1]
  <!-- Q2 Signature -->
  <Signature> StringRestricted128Type </Signature> [1]
  <!-- Q2 Title -->
  <Title> StringRestricted128Type </Title> [1]
  <!-- Q2 Email address -->
  <EmailAddress> EmailType </EmailAddress> [1]
  <!-- Q2 Telephone contact number -->
  <TelephoneNumber> StringRestricted27Type </TelephoneNumber> [1]
  <!-- Q2 Date -->
  <SignatureDate> xsd:date </SignatureDate> [1]
  <LinkedRelatedPersonList> [1]
    <PFSection1aItemARelatedPerson> [1..*]

  <!-- Provide either the CRD Number (for SEC registered/ERA adviser), or the NFA Number (for commodity pool operator), or the LegalName (for Relying Adviser/SPV only firm) to include that firm for this signature -->
  Start Choice\[1\]

    <!-- Q1b - CRD Number, if the Related Person is a SEC registered/ERA adviser -->
    <CRDNumber> PositiveIntRestricted8Type </CRDNumber> [1]

    <!-- Q1b - NFA Number, if the Related Person is a Commodity Pool Operator/CFTC only firm -->
    <NFAFirmID> NFAFirmIDType </NFAFirmID> [1]

    <!-- Q1b - Legal Name, if the Related Person is a Relying Adviser/SPV only firm -->
    <LegalName> xs:string </LegalName> [1]
  End Choice
  </PFSection1aItemARelatedPerson>
</LinkedRelatedPersonList>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1aItemASignatureRltdPrsnType">
  <xsd:complexContent>
    <xsd:extension base="PFSection1aItemASignatureMainType">
      <xsd:sequence>
        <xsd:element name="LinkedRelatedPersonList">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element name="PFSection1aItemARelatedPerson" maxOccurs="unbounded">
                <xsd:complexType>
                  <xsd:choice>
                    <xsd:element name="CRDNumber" type="PositiveIntRestricted8Type"/>
                    <xsd:element name="NFAFirmID" type="NFAFirmIDType"/>
                    <xsd:element name="LegalName" type="xs:string"/>
                  </xsd:choice>
                </xsd:complexType>
              </xsd:element>
            </xsd:sequence>
          </xsd:complexType>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```



Complex Type: PFSection1aItemCMiscellaneousType

Super-types:	None
Sub-types:	None

Name	PFSection1aItemCMiscellaneousType
Abstract	no
Documentation	Section 1a - Item C - Q4

XML Instance Representation

```
<...>
  <!-- Section 1a - Item C - Q4 - Question number -->
  <QuestionNumber> StringRestricted15Type </QuestionNumber> [1]
  <!-- Section 1a - Item C - Q4 - Description -->
  <Description> StringRestricted10000Type </Description> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1aItemCMiscellaneousType">
  <xsd:sequence>
    <xsd:element name="QuestionNumber" type="StringRestricted15Type"/>
    <xsd:element name="Description" type="StringRestricted10000Type"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1bItemAFundIdentInfoType**

Super-types:	None
Sub-types:	None

Name	PFSection1bItemAFundIdentInfoType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q5(b) Private fund identification number of the reporting fund. This should be included in the PFFunds list. -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q5(c) NFA identification number of the reporting fund -->
  <NFAFundID> NFAFundIDType </NFAFundID> [0..1]
  <!-- Q5(c) Flag to indicate that this fund is included in order to be compliant with CFTC reporting requirements
  (i.e., filed with the CFTC). -->
  <NFAFundCFTCComplianceFlag> BooleanYNTYPE </NFAFundCFTCComplianceFlag> [0..1]
  <!-- Q5(d) LEI of the reporting fund -->
  <LEI> LEIType </LEI> [0..1]
  <!-- Q6 Reporting fund is the master fund of a master-feeder arrangement and you are reporting for all of the funds
  in the master-feeder arrangement on an aggregated basis -->
  <IsMasterFund> xsd:boolean </IsMasterFund> [1]
  <!-- Q7(a) Reporting fund is the largest fund in a parallel fund structure and you are reporting for all of the funds
  in the structure on an aggregated basis -->
  <IsParallelFundsAggregated> xsd:boolean </IsParallelFundsAggregated> [1]
  <!-- Q7 parallel fund collection. -->
  <ParallelFunds> [0..1]
    <PFSection1bItemAFundParallelFund> PFSection1bItemAParallelFundType </PFSection1bItemAFundParallelFund> [1..*]
  </ParallelFunds>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1bItemAFundIdentInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="NFAFundID" type="NFAFundIDType" minOccurs="0"/>
    <xsd:element name="NFAFundCFTCComplianceFlag" type="BooleanYNTYPE" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="LEI" type="LEIType" minOccurs="0"/>
    <xsd:element name="IsMasterFund" type="xsd:boolean"/>
    <xsd:element name="IsParallelFundsAggregated" type="xsd:boolean"/>
    <xsd:element name="ParallelFunds" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection1bItemAFundParallelFund" type="PFSection1bItemAParallelFundType"
            maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1bItemAParallelFundType**

Super-types:	None
Sub-types:	None

Name	PFSection1bItemAParallelFundType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q7 CFTC checkbox if the fund is a commodity pool that is not a private fund -->
  <IsCFTCFund> xsd:boolean </IsCFTCFund> [0..1]
  <!-- Q7(b) Name of the parallel fund -->
  <FundName> StringRestricted256Type </FundName> [1]
  <!-- Q7(c) Private fund identification number -->
  <ParallelFundID> FundIDType </ParallelFundID> [1]
  <!-- Q7(d) NFA identification number of the parallel fund -->
  <NFAFundID> NFAFundIDType </NFAFundID> [0..1]
  <!-- Q7(e) LEI of the parallel fund -->
  <LEI> LEIType </LEI> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1bItemAParallelFundType">
  <xsd:sequence>
    <xsd:element name="IsCFTCFund" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="FundName" type="StringRestricted256Type"/>
    <xsd:element name="ParallelFundID" type="FundIDType"/>
    <xsd:element name="NFAFundID" type="NFAFundIDType" minOccurs="0"/>
    <xsd:element name="LEI" type="LEIType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1bItemBFundAssetType**

Super-types:	None
Sub-types:	None

Name	PFSection1bItemBFundAssetType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Private fund identification number of the reporting fund that is included in the PFFund node list. -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q8 Gross asset value of reporting fund -->
  <GrossAssetValue> LongRestricted15Type </GrossAssetValue> [1]
  <!-- Q9 Net asset value of reporting fund -->
  <NetAssetValue> LongRestricted15Type </NetAssetValue> [1]
  <!-- Q10 Value of reporting fund's investments in equity of other private funds -->
  <EquityValueInOtherFunds> LongRestricted15Type </EquityValueInOtherFunds> [1]
  <!-- Q11 Value of all parallel managed accounts related to the reporting fund -->
  <ParallelManagedAccountValue> LongRestricted15Type </ParallelManagedAccountValue> [1]
  <!-- Q12(a) Dollar amount of total borrowings -->
  <BorrowedTotalAmount> UnsignedLongRestricted15Type </BorrowedTotalAmount> [0..1]
  <!-- Q12(b) Percentage borrowed from U.S. financial institutions -->
  <BorrowedFromUSFinancialInstitutionAmount> PercentType </BorrowedFromUSFinancialInstitutionAmount> [0..1]
  <!-- Q12(c) Percentage borrowed from non-U.S. financial institutions -->
  <BorrowedFromNonUSFinancialInstitutionAmount> PercentType </BorrowedFromNonUSFinancialInstitutionAmount> [0..1]
  <!-- Q12(d) Percentage borrowed from creditors that are not financial institutions -->
  <BorrowedFromUSNonFinancialInstitutionAmount> PercentType </BorrowedFromUSNonFinancialInstitutionAmount> [0..1]
  <!-- Q12(e) Percentage borrowed from non-U.S. creditors that are not financial institutions -->
  <BorrowedFromNonUSNonFinancialInstitutionAmount> PercentType </BorrowedFromNonUSNonFinancialInstitutionAmount> [0..1]
  <!-- Q13(a) Does the reporting fund have any outstanding derivatives positions? -->
  <HasDerivativesPositions> xsd:boolean </HasDerivativesPositions> [0..1]
  <!-- Q13(b) Aggregate value of all derivatives positions of the reporting fund -->
  <DerivativesPositionsValue> UnsignedLongRestricted15Type </DerivativesPositionsValue> [0..1]
  <!-- Q14 Fair value - Level 1 Assets -->
  <FairValueLevel1AssetsAmount> LongRestricted15Type </FairValueLevel1AssetsAmount> [0..1]
  <!-- Q14 Fair value - Level 2 Assets -->
  <FairValueLevel2AssetsAmount> LongRestricted15Type </FairValueLevel2AssetsAmount> [0..1]
  <!-- Q14 Fair value - Level 3 Assets -->
  <FairValueLevel3AssetsAmount> LongRestricted15Type </FairValueLevel3AssetsAmount> [0..1]
  <!-- Q14 Cost-based Assets -->
  <CostBasedAssetsAmount> LongRestricted15Type </CostBasedAssetsAmount> [0..1]
  <!-- Q14 Fair value - Level 1 Liabilities -->
  <FairValueLevel1LiabilitiesAmount> LongRestricted15Type </FairValueLevel1LiabilitiesAmount> [0..1]
  <!-- Q14 Fair value - Level 2 Liabilities -->
  <FairValueLevel2LiabilitiesAmount> LongRestricted15Type </FairValueLevel2LiabilitiesAmount> [0..1]
  <!-- Q14 Fair value - Level 3 Liabilities -->
  <FairValueLevel3LiabilitiesAmount> LongRestricted15Type </FairValueLevel3LiabilitiesAmount> [0..1]
  <!-- Q14 Cost-based Liabilities -->
  <CostBasedLiabilitiesAmount> LongRestricted15Type </CostBasedLiabilitiesAmount> [0..1]
  <!-- Q15 Approximate percentage of the reporting fund's equity -->
  <BeneficiallyOwnedByTop5Percent> PercentType </BeneficiallyOwnedByTop5Percent> [1]
  <!-- Q16(a) Individuals that are United States persons -->
  <BeneficiallyOwnedByUSPersonsPercent> PercentType </BeneficiallyOwnedByUSPersonsPercent> [1]
  <!-- Q16(b) Individuals that are not United States persons -->
  <BeneficiallyOwnedByNonUSPersonsPercent> PercentType </BeneficiallyOwnedByNonUSPersonsPercent> [1]
  <!-- Q16(c) Broker-dealers -->
  <BeneficiallyOwnedByBrokerDealersPercent> PercentType </BeneficiallyOwnedByBrokerDealersPercent> [1]
  <!-- Q16(d) Insurance companies -->
  <BeneficiallyOwnedByInsuranceCompaniesPercent> PercentType </BeneficiallyOwnedByInsuranceCompaniesPercent> [1]
  <!-- Q16(e) Investment companies registered with the SEC -->
  <BeneficiallyOwnedByInvestmentCompaniesPercent> PercentType </BeneficiallyOwnedByInvestmentCompaniesPercent> [1]
  <!-- Q16(f) Private funds -->
  <BeneficiallyOwnedByPrivateFundsPercent> PercentType </BeneficiallyOwnedByPrivateFundsPercent> [1]
```

```

<!-- Q16(g) Non-profits -->
<BeneficiallyOwnedByNonProfitsPercent> PercentType </BeneficiallyOwnedByNonProfitsPercent> [1]

<!-- Q16(h) Pension plans -->
<BeneficiallyOwnedByPensionPlansPercent> PercentType </BeneficiallyOwnedByPensionPlansPercent> [1]

<!-- Q16(i) Banking or thrift institutions -->
<BeneficiallyOwnedByBankingInstitutionsPercent> PercentType </BeneficiallyOwnedByBankingInstitutionsPercent> [1]

<!-- Q16(j) State or municipal government entities -->
<BeneficiallyOwnedByGovernmentEntitiesPercent> PercentType </BeneficiallyOwnedByGovernmentEntitiesPercent> [1]

<!-- Q16(k) State or municipal governmental pension plans -->
<BeneficiallyOwnedByGovernmentPensionsPercent> PercentType </BeneficiallyOwnedByGovernmentPensionsPercent> [1]

<!-- Q16(l) Sovereign wealth funds and foreign official institutions -->
<BeneficiallyOwnedByForeignInstitutionsPercent> PercentType </BeneficiallyOwnedByForeignInstitutionsPercent> [1]

<!-- Q16(m) Investors that are not United States persons and about which beneficial ownership information is not
known and cannot reasonably be obtained because the beneficial interest is held through a chain -->
<BeneficiallyOwnedByNonUSIntermediariesPercent> PercentType </BeneficiallyOwnedByNonUSIntermediariesPercent> [1]

<!-- Q16(n) Other -->
<BeneficiallyOwnedByOthersPercent> PercentType </BeneficiallyOwnedByOthersPercent> [1]

</...>

```

## Schema Component Representation

```

<xsd:complexType name="PFSection1bItemBFundAssetType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="GrossAssetValue" type="LongRestricted15Type"/>
    <xsd:element name="NetAssetValue" type="LongRestricted15Type"/>
    <xsd:element name="EquityValueInOtherFunds" type="LongRestricted15Type"/>
    <xsd:element name="ParallelManagedAccountValue" type="LongRestricted15Type"/>
    <xsd:element name="BorrowedTotalAmount" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="BorrowedFromUSFinancialInstitutionAmount" type="PercentType" minOccurs="0"/>
    <xsd:element name="BorrowedFromNonUSFinancialInstitutionAmount" type="PercentType" minOccurs="0"/>
    <xsd:element name="BorrowedFromUSNonFinancialInstitutionAmount" type="PercentType" minOccurs="0"/>
    <xsd:element name="BorrowedFromNonUSNonFinancialInstitutionAmount" type="PercentType" minOccurs="0"/>
    <xsd:element name="HasDerivativesPositions" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="DerivativesPositionsValue" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel1AssetsAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel2AssetsAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel3AssetsAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="CostBasedAssetsAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel1LiabilitiesAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel2LiabilitiesAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="FairValueLevel3LiabilitiesAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="CostBasedLiabilitiesAmount" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="BeneficiallyOwnedByTop5Percent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByUSPersonsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByNonUSPersonsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByBrokerDealersPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByInsuranceCompaniesPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByInvestmentCompaniesPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByPrivateFundsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByNonProfitsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByPensionPlansPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByBankingInstitutionsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByGovernmentEntitiesPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByGovernmentPensionsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByForeignInstitutionsPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByNonUSIntermediariesPercent" type="PercentType"/>
    <xsd:element name="BeneficiallyOwnedByOthersPercent" type="PercentType"/>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: **PFSection1bItemCFundPerformanceType**

Super-types:	None
Sub-types:	None

Name	PFSection1bItemCFundPerformanceType
Abstract	no

XML Instance Representation

```
<...>

  <!-- Private fund identification number of the reporting fund for this section that is already included in the PFFund
  node list -->
  <FundID> FundIDType </FundID> [1]

  <!-- Section 1b - Item C - Q17(a) 1st month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth1> DateNAExType </LastFiscalDateMonth1> [0..1]

  <!-- Section 1b - Item C - Q17(a) 1st month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth1> DecimalNAExRestricted10p2Type </GrossValueMonth1> [0..1]

  <!-- Section 1b - Item C - Q17(a) 1st month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth1> DecimalNAExRestricted10p2Type </NetValueMonth1> [0..1]

  <!-- Section 1b - Item C - Q17(b) 2nd month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth2> DateNAExType </LastFiscalDateMonth2> [0..1]

  <!-- Section 1b - Item C - Q17(b) 2nd month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth2> DecimalNAExRestricted10p2Type </GrossValueMonth2> [0..1]

  <!-- Section 1b - Item C - Q17(b) 2nd month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth2> DecimalNAExRestricted10p2Type </NetValueMonth2> [0..1]

  <!-- Section 1b - Item C - Q17(c) 3rd month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth3> DateNAExType </LastFiscalDateMonth3> [0..1]

  <!-- Section 1b - Item C - Q17(c) 3rd month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth3> DecimalNAExRestricted10p2Type </GrossValueMonth3> [0..1]

  <!-- Section 1b - Item C - Q17(c) 3rd month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth3> DecimalNAExRestricted10p2Type </NetValueMonth3> [0..1]

  <!-- Section 1b - Item C - Q17(d) First quarter - Last day of fiscal period -->
  <LastFiscalDateQuarter1> DateNAExType </LastFiscalDateQuarter1> [0..1]

  <!-- Section 1b - Item C - Q17(d) First quarter - Gross performance -->
  <GrossValueQuarter1> DecimalNAExRestricted10p2Type </GrossValueQuarter1> [0..1]

  <!-- Section 1b - Item C - Q17(d) First quarter - Net of management fees and incentive fees and allocations -->
  <NetValueQuarter1> DecimalNAExRestricted10p2Type </NetValueQuarter1> [0..1]

  <!-- Section 1b - Item C - Q17(e) 4th month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth4> DateNAExType </LastFiscalDateMonth4> [0..1]

  <!-- Section 1b - Item C - Q17(e) 4th month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth4> DecimalNAExRestricted10p2Type </GrossValueMonth4> [0..1]

  <!-- Section 1b - Item C - Q17(e) 4th month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth4> DecimalNAExRestricted10p2Type </NetValueMonth4> [0..1]

  <!-- Section 1b - Item C - Q17(f) 5th month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth5> DateNAExType </LastFiscalDateMonth5> [0..1]

  <!-- Section 1b - Item C - Q17(f) 5th month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth5> DecimalNAExRestricted10p2Type </GrossValueMonth5> [0..1]

  <!-- Section 1b - Item C - Q17(f) 5th month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth5> DecimalNAExRestricted10p2Type </NetValueMonth5> [0..1]

  <!-- Section 1b - Item C - Q17(g) 6th month of reporting fund's fiscal year - Last day of fiscal period -->
  <LastFiscalDateMonth6> DateNAExType </LastFiscalDateMonth6> [0..1]

  <!-- Section 1b - Item C - Q17(g) 6th month of reporting fund's fiscal year - Gross performance -->
  <GrossValueMonth6> DecimalNAExRestricted10p2Type </GrossValueMonth6> [0..1]

  <!-- Section 1b - Item C - Q17(g) 6th month of reporting fund's fiscal year - Net of management fees and incentive
  fees and allocations -->
  <NetValueMonth6> DecimalNAExRestricted10p2Type </NetValueMonth6> [0..1]

  <!-- Section 1b - Item C - Q17(h) Second quarter - Last day of fiscal period -->
  <LastFiscalDateQuarter2> DateNAExType </LastFiscalDateQuarter2> [0..1]

  <!-- Section 1b - Item C - Q17(h) Second quarter - Gross performance -->
  <GrossValueQuarter2> DecimalNAExRestricted10p2Type </GrossValueQuarter2> [0..1]
```

```

<!-- Section 1b - Item C - Q17(h) Second quarter - Net of management fees and incentive fees and allocations -->
<NetValueQuarter2> DecimalNAExRestricted10p2Type </NetValueQuarter2> [0..1]

<!-- Section 1b - Item C - Q17(i) 7th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth7> DateNAExType </LastFiscalDateMonth7> [0..1]

<!-- Section 1b - Item C - Q17(i) 7th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth7> DecimalNAExRestricted10p2Type </GrossValueMonth7> [0..1]

<!-- Section 1b - Item C - Q17(i) 7th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth7> DecimalNAExRestricted10p2Type </NetValueMonth7> [0..1]

<!-- Section 1b - Item C - Q17(j) 8th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth8> DateNAExType </LastFiscalDateMonth8> [0..1]

<!-- Section 1b - Item C - Q17(j) 8th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth8> DecimalNAExRestricted10p2Type </GrossValueMonth8> [0..1]

<!-- Section 1b - Item C - Q17(j) 8th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth8> DecimalNAExRestricted10p2Type </NetValueMonth8> [0..1]

<!-- Section 1b - Item C - Q17(k) 9th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth9> DateNAExType </LastFiscalDateMonth9> [0..1]

<!-- Section 1b - Item C - Q17(k) 9th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth9> DecimalNAExRestricted10p2Type </GrossValueMonth9> [0..1]

<!-- Section 1b - Item C - Q17(k) 9th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth9> DecimalNAExRestricted10p2Type </NetValueMonth9> [0..1]

<!-- Section 1b - Item C - Q17(l) Third quarter - Last day of fiscal period -->
<LastFiscalDateQuarter3> DateNAExType </LastFiscalDateQuarter3> [0..1]

<!-- Section 1b - Item C - Q17(l) Third quarter - Gross performance -->
<GrossValueQuarter3> DecimalNAExRestricted10p2Type </GrossValueQuarter3> [0..1]

<!-- Section 1b - Item C - Q17(l) Third quarter - Net of management fees and incentive fees and allocations -->
<NetValueQuarter3> DecimalNAExRestricted10p2Type </NetValueQuarter3> [0..1]

<!-- Section 1b - Item C - Q17(m) 10th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth10> DateNAExType </LastFiscalDateMonth10> [0..1]

<!-- Section 1b - Item C - Q17(m) 10th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth10> DecimalNAExRestricted10p2Type </GrossValueMonth10> [0..1]

<!-- Section 1b - Item C - Q17(m) 10th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth10> DecimalNAExRestricted10p2Type </NetValueMonth10> [0..1]

<!-- Section 1b - Item C - Q17(n) 11th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth11> DateNAExType </LastFiscalDateMonth11> [0..1]

<!-- Section 1b - Item C - Q17(n) 11th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth11> DecimalNAExRestricted10p2Type </GrossValueMonth11> [0..1]

<!-- Section 1b - Item C - Q17(n) 11th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth11> DecimalNAExRestricted10p2Type </NetValueMonth11> [0..1]

<!-- Section 1b - Item C - Q17(o) 12th month of reporting fund's fiscal year - Last day of fiscal period -->
<LastFiscalDateMonth12> DateNAExType </LastFiscalDateMonth12> [0..1]

<!-- Section 1b - Item C - Q17(o) 12th month of reporting fund's fiscal year - Gross performance -->
<GrossValueMonth12> DecimalNAExRestricted10p2Type </GrossValueMonth12> [0..1]

<!-- Section 1b - Item C - Q17(o) 12th month of reporting fund's fiscal year - Net of management fees and incentive
fees and allocations -->
<NetValueMonth12> DecimalNAExRestricted10p2Type </NetValueMonth12> [0..1]

<!-- Section 1b - Item C - Q17(p) Fourth quarter - Last day of fiscal period -->
<LastFiscalDateQuarter4> DateNAExType </LastFiscalDateQuarter4> [0..1]

<!-- Section 1b - Item C - Q17(p) Fourth quarter - Gross performance -->
<GrossValueQuarter4> DecimalNAExRestricted10p2Type </GrossValueQuarter4> [0..1]

<!-- Section 1b - Item C - Q17(p) Fourth quarter - Net of management fees and incentive fees and allocations -->
<NetValueQuarter4> DecimalNAExRestricted10p2Type </NetValueQuarter4> [0..1]

<!-- Section 1b - Item C - Q17(q) Reporting fund's most recently completed fiscal year - Last day of fiscal period --
>
<LastFiscalDateYear> DateNAExType </LastFiscalDateYear> [0..1]

<!-- Section 1b - Item C - Q17(q) Reporting fund's most recently completed fiscal year - Gross performance -->
<GrossValueYear> DecimalNAExRestricted10p2Type </GrossValueYear> [0..1]

<!-- Section 1b - Item C - Q17(q) Reporting fund's most recently completed fiscal year - Net of management fees and
incentive fees and allocations -->
<NetValueYear> DecimalNAExRestricted10p2Type </NetValueYear> [0..1]
</...>

```



```

<xsd:complexType name="PFSection1bItemCFundPerformanceType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="LastFiscalDateMonth1" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth1" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth1" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth2" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth2" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth2" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="GrossValueMonth3" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth3" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="GrossValueQuarter1" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="GrossValueQuarter2" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueQuarter2" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="GrossValueMonth7" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth7" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="GrossValueMonth9" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth9" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="GrossValueQuarter3" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
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    <xsd:element name="LastFiscalDateMonth10" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth10" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth10" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth11" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth11" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth11" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateMonth12" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueMonth12" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueMonth12" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateQuarter4" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueQuarter4" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueQuarter4" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="LastFiscalDateYear" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="GrossValueYear" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
    <xsd:element name="NetValueYear" type="DecimalNAExRestricted10p2Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: **PFSection1cItemBHedgeFundInfoCounterPartyDollarType**

Super-types:	None
Sub-types:	None

Name	PFSection1cItemBHedgeFundInfoCounterPartyDollarType
Abstract	no
Documentation	This type is for both Q23 and Q37.

XML Instance Representation

```
<...>
  <!-- Counterparty credit exposure type, measured in U.S. dollars
        allowed value: Dollar -->
  <CounterpartyType> xs:string (value comes from list: {'Dollar'}) </CounterpartyType> [1]
  <!-- Q23 - Legal name of the counterparty -->
  <CounterpartyLegalName> StringRestricted256Type </CounterpartyLegalName> [1]
  <!-- Q23 - Major Financial Institution the counterparty is affiliated with -->
  <CounterpartyAffiliatedInstitutionCode> MajorFinInstType </CounterpartyAffiliatedInstitutionCode> [1]
  <!-- Q23 - 'Other' description when Major Financial Institution the counterparty affiliated with is provided as (32)
  Other -->
  <CounterpartyAffiliatedInstitutionOtherName> StringRestricted256Type </CounterpartyAffiliatedInstitutionOtherName>
  [0..1]
  <!-- counterparty detail-item:
        Exposure (in U.S. dollars) for Q23 -->
  <CounterpartyExposure> PositiveDecimalNAExRestricted15p0Type </CounterpartyExposure> [1]
  <!-- Q37 for each of the Counterparty entered in Q23 respectively -->
  <Section2bItemBCounterPartyQ36Q37> PFSection2bItemBCounterPartyQ36Q37Type </Section2bItemBCounterPartyQ36Q37> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1cItemBHedgeFundInfoCounterPartyDollarType">
  <xsd:sequence>
    <xsd:element name="CounterpartyType" default="Dollar" minOccurs="1" maxOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xs:string">
          <xsd:enumeration value="Dollar"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="CounterpartyLegalName" type="StringRestricted256Type" minOccurs="1"/>
    <xsd:element name="CounterpartyAffiliatedInstitutionCode" type="MajorFinInstType" minOccurs="1"/>
    <xsd:element name="CounterpartyAffiliatedInstitutionOtherName" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="CounterpartyExposure" type="PositiveDecimalNAExRestricted15p0Type" minOccurs="1"/>
    <xsd:element name="Section2bItemBCounterPartyQ36Q37" type="PFSection2bItemBCounterPartyQ36Q37Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1cItemBHedgeFundInfoCounterPartyPercentType**

Super-types:	None
Sub-types:	None
Name	PFSection1cItemBHedgeFundInfoCounterPartyPercentType
Abstract	no
Documentation	This type is for both Q22 and Q36.

XML Instance Representation

```
<...>
  <!-- Counterparty credit exposure type, measured as a percentage
        allowed value: Percent -->
  <CounterpartyType> xs:string (value comes from list: {'Percent'}) </CounterpartyType> [1]
  <!-- Q22 - Legal name of the counterparty -->
  <CounterpartyLegalName> StringRestricted256Type </CounterpartyLegalName> [1]
  <!-- Q22 - Major Financial Institution the counterparty is affiliated with -->
  <CounterpartyAffiliatedInstitutionCode> MajorFinInstType </CounterpartyAffiliatedInstitutionCode> [1]
  <!-- Q22 - 'Other' description when Major Financial Institution the counterparty affiliated with is provided as (32)
  Other -->
  <CounterpartyAffiliatedInstitutionOtherName> StringRestricted256Type </CounterpartyAffiliatedInstitutionOtherName>
  [0..1]
  <!-- counterparty detail-item:
        Exposure (% of reporting fund's net asset value) for Q22 -->
  <CounterpartyExposure> UnsignedDecimalNAExRestricted15Type </CounterpartyExposure> [1]
  <!-- Q36 for each of the Counterparty entered in Q22 -->
  <Section2bItemBCounterPartyQ36Q37> PFSection2bItemBCounterPartyQ36Q37Type </Section2bItemBCounterPartyQ36Q37> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1cItemBHedgeFundInfoCounterPartyPercentType">
  <xsd:sequence>
    <xsd:element name="CounterpartyType" default="Percent" minOccurs="1" maxOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xs:string">
          <xsd:enumeration value="Percent"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="CounterpartyLegalName" type="StringRestricted256Type" minOccurs="1"/>
    <xsd:element name="CounterpartyAffiliatedInstitutionCode" type="MajorFinInstType" minOccurs="1"/>
    <xsd:element name="CounterpartyAffiliatedInstitutionOtherName" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="CounterpartyExposure" type="UnsignedDecimalNAExRestricted15Type" minOccurs="1"/>
    <xsd:element name="Section2bItemBCounterPartyQ36Q37" type="PFSection2bItemBCounterPartyQ36Q37Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1cItemBHedgeFundInfoStrategyType**

Super-types:	None
Sub-types:	None

Name	PFSection1cItemBHedgeFundInfoStrategyType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q20, code of the investment strategy name -->
  <StrategyType> StrategyNameType </StrategyType> [1]
  <!-- Q20, boolean indicator for confirming the selection of above strategy type -->
  <StrategyChecked> xs:boolean </StrategyChecked> [1]
  <!-- Q20 - % of NAV(required) -->
  <StrategyNAVPercent> PositiveLongRestricted15Type </StrategyNAVPercent> [1]
  <!-- Q20 - % of capital(optional) -->
  <StrategyCapitalPercent> PositiveLongRestricted15Type </StrategyCapitalPercent> [0..1]
  <!-- Q20 Description, this is required when StrategyType provided is 22 (Other) -->
  <StrategyOtherDescription> StringRestricted256Type </StrategyOtherDescription> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection1cItemBHedgeFundInfoStrategyType">
  <xsd:sequence>
    <xsd:element name="StrategyType" type="StrategyNameType"/>
    <xsd:element name="StrategyChecked" type="xs:boolean"/>
    <xsd:element name="StrategyNAVPercent" type="PositiveLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="StrategyCapitalPercent" type="PositiveLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="StrategyOtherDescription" type="StringRestricted256Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection1cItemBHedgeFundInfoType**

Super-types:	None
Sub-types:	None

Name	PFSection1cItemBHedgeFundInfoType
Abstract	no
Documentation	This type also encompasses Q36 and Q37. Q36 is answered along with Q22, and Q37 is answered along with Q23.

XML Instance Representation

```
<...>
  <!-- Private fund identification number of the reporting fund for this section that is already included in the PFFund
node list -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q19: reporting fund's investment strategy: Single(S) or Multiple(M) -->
  <StrategyTypeSM> TradingStrategyType </StrategyTypeSM> [0..1]
  <!-- Q21: During the reporting period, approximately what percentage of the reporting fund's net asset value was
managed using high-frequency trading strategies? -->
  <StrategyHighFrequencyTradingPercent> HighFreqTradingStrategyType </StrategyHighFrequencyTradingPercent> [0..1]
  <!-- Q24(a) Estimated % of securities - OTC -->
  <SecuritiesTradedOTCPercent> PercentNAType </SecuritiesTradedOTCPercent> [0..1]
  <!-- Q24(a) Estimated % of securities - On a regulated exchange -->
  <SecuritiesTradedExchangePercent> PercentNAType </SecuritiesTradedExchangePercent> [0..1]
  <!-- Q24(b) Estimated % of derivatives - OTC -->
  <DerivativesTradedOTCPercent> PercentNAType </DerivativesTradedOTCPercent> [0..1]
  <!-- Q24(b) Estimated % of derivatives - On a regulated exchange -->
  <DerivativesTradedExchangePercent> PercentNAType </DerivativesTradedExchangePercent> [0..1]
  <!-- Q24(c) Estimated % of derivatives - Cleared by a CCP -->
  <DerivativesTradedCCPClearedPercent> PercentNAType </DerivativesTradedCCPClearedPercent> [0..1]
  <!-- Q24(c) Estimated % of derivatives - Bilaterally transacted (i.e., not cleared by a CCP) -->
  <DerivativesTradedNotCCPClearedPercent> PercentNAType </DerivativesTradedNotCCPClearedPercent> [0..1]
  <!-- Q24(d) Estimated % of repo trades - Cleared by a CCP -->
  <RepoTradedCCPClearedPercent> PercentNAType </RepoTradedCCPClearedPercent> [0..1]
  <!-- Q24(d) Estimated % of repo trades - Bilaterally transacted (i.e., not cleared by a CCP) -->
  <RepoTradedNotCCPClearedPercent> PercentNAType </RepoTradedNotCCPClearedPercent> [0..1]
  <!-- Q24(d) Estimated % of repo trades - Constitute a tri-party repo -->
  <RepoTradedTriPartyRepoPercent> PercentNAType </RepoTradedTriPartyRepoPercent> [0..1]
  <!-- Q25: Percentage of the reporting fund's net asset value relates to transactions that are not described in any of
the categories listed in items (a) through (d) of Q24 -->
  <OtherTransactionPercent> UnsignedLongRestricted15Type </OtherTransactionPercent> [0..1]
  <!-- Q20: Investment strategies that best describe the reporting fund's investments
For each strategy that you indicate, you must provide a good faith estimate of the percentage of the reporting
fund's net asset value (NAV) represented by that strategy -->
  <Strategies> [0..1]
    <PFSection1cItemBHedgeFundInfoStrategy> PFSection1cItemBHedgeFundInfoStrategyType
    </PFSection1cItemBHedgeFundInfoStrategy> [1..*]
  </Strategies>
  <!-- Q23: Counterparties that have the greatest mark-to-market net counterparty credit exposure to the reporting
fund, measured in U.S. dollars
You can provide upto 5 counterparties -->
  <CounterPartiesDollar> [0..1]
    <PFSection1cItemBHedgeFundInfoCounterParty> PFSection1cItemBHedgeFundInfoCounterPartyDollarType
    </PFSection1cItemBHedgeFundInfoCounterParty> [0..5]
  </CounterPartiesDollar>
  <!-- Q22: Counterparties to which the reporting fund has the greatest mark-to-market net counterparty credit
exposure, measured as a percentage of the reporting fund's net asset value
You can provide upto 5 counterparties -->
  <CounterPartiesPercent> [0..1]
    <PFSection1cItemBHedgeFundInfoCounterParty> PFSection1cItemBHedgeFundInfoCounterPartyPercentType
    </PFSection1cItemBHedgeFundInfoCounterParty> [0..5]
  </CounterPartiesPercent>
</...>
```

```

<xsd:complexType name="PFSection1cItemBHedgeFundInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="StrategyTypeSM" type="TradingStrategyType" minOccurs="0"/>
    <xsd:element name="StrategyHighFrequencyTradingPercent" type="HighFreqTradingStrategyType" minOccurs="0"/>
    <xsd:element name="SecuritiesTradedOTCPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="SecuritiesTradedExchangePercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="DerivativesTradedOTCPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="DerivativesTradedExchangePercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="DerivativesTradedCCPClearedPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="DerivativesTradedNotCCPClearedPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="RepoTradedCCPClearedPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="RepoTradedNotCCPClearedPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="RepoTradedTriPartyRepoPercent" type="PercentNAType" minOccurs="0"/>
    <xsd:element name="OtherTransactionPercent" type="UnsignedLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="Strategies" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection1cItemBHedgeFundInfoStrategy" type="PFSection1cItemBHedgeFundInfoStrategyType"
            maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="CounterPartiesDollar" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection1cItemBHedgeFundInfoCounterParty"
            type="PFSection1cItemBHedgeFundInfoCounterPartyDollarType" minOccurs="0" maxOccurs="5"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="CounterPartiesPercent" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection1cItemBHedgeFundInfoCounterParty"
            type="PFSection1cItemBHedgeFundInfoCounterPartyPercentType" minOccurs="0" maxOccurs="5"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType

Super-types:	None
Sub-types:	None

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
Abstract	no
Documentation	Elements of this type represent Q26: Measure Type.

XML Instance Representation

```
<...>
  <!-- Q26: 1st Month LV -->
  <Month1LV> DecimalNAExRestricted15p2RequiredDecimalType </Month1LV> [0..1]
  <!-- Q26: 1st Month SV -->
  <Month1SV> DecimalNAExRestricted15p2RequiredDecimalType </Month1SV> [0..1]
  <!-- Q26: 2nd Month LV -->
  <Month2LV> DecimalNAExRestricted15p2RequiredDecimalType </Month2LV> [0..1]
  <!-- Q26: 2nd Month SV -->
  <Month2SV> DecimalNAExRestricted15p2RequiredDecimalType </Month2SV> [0..1]
  <!-- Q26: 3rd Month LV -->
  <Month3LV> DecimalNAExRestricted15p2RequiredDecimalType </Month3LV> [0..1]
  <!-- Q26: 3rd Month SV -->
  <Month3SV> DecimalNAExRestricted15p2RequiredDecimalType </Month3SV> [0..1]
  <!-- Q26: Measure -->
  <InvestmentGradeMeasureCode> InvestmentGradeMeasureCodeType </InvestmentGradeMeasureCode> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType">
  <xsd:sequence>
    <xsd:element name="Month1LV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month1SV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month2LV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month2SV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month3LV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="Month3SV" type="DecimalNAExRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="InvestmentGradeMeasureCode" type="InvestmentGradeMeasureCodeType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType**

Super-types:	None
Sub-types:	None

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
Abstract	no
Documentation	Elements of this type represent Q26: Non Measure Type.

XML Instance Representation

```
<...>
  <!-- Q26: 1st Month LV -->
  <Month1LV> UnsignedDecimalNAExRestricted15p2Type </Month1LV> [0..1]
  <!-- Q26: 1st Month SV -->
  <Month1SV> UnsignedDecimalNAExRestricted15p2Type </Month1SV> [0..1]
  <!-- Q26: 2nd Month LV -->
  <Month2LV> UnsignedDecimalNAExRestricted15p2Type </Month2LV> [0..1]
  <!-- Q26: 2nd Month SV -->
  <Month2SV> UnsignedDecimalNAExRestricted15p2Type </Month2SV> [0..1]
  <!-- Q26: 3rd Month LV -->
  <Month3LV> UnsignedDecimalNAExRestricted15p2Type </Month3LV> [0..1]
  <!-- Q26: 3rd Month SV -->
  <Month3SV> UnsignedDecimalNAExRestricted15p2Type </Month3SV> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType">
  <xsd:sequence>
    <xsd:element name="Month1LV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month1SV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month2LV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month2SV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month3LV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
    <xsd:element name="Month3SV" type="UnsignedDecimalNAExRestricted15p2Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type**

Super-types:	None
Sub-types:	<ul style="list-style-type: none"><li><a href="#">PFSection2bItemBHedgeFundExposureTradingPart1Type</a> (by extension)</li></ul>

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type
Abstract	no
Documentation	Elements of this type represent Q26 Part1: Exposure of hedge fund assets (Listed equity to convertible bonds).

XML Instance Representation

```
<...>

<!-- Q26 Part1: Listed equity issued by financial institutions -->
<ListedEquityIssuedByFinancialInstitutions> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityIssuedByFinancialInstitutions> [0..1]

<!-- Q26 Part1: Other listed equity -->
<ListedEquityOtherListedEquity> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityOtherListedEquity> [0..1]

<!-- Q26 Part1: Unlisted equity issued by financial institutions -->
<UnlistedEquityIssuedByFinancialInstitutions> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</UnlistedEquityIssuedByFinancialInstitutions> [0..1]

<!-- Q26 Part1: Other unlisted equity -->
<UnlistedEquityOtherUnlistedEquity> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</UnlistedEquityOtherUnlistedEquity> [0..1]

<!-- Q26 Part1: Listed equity derivatives related to financial institutions -->
<ListedEquityDerivativesRelatedToFinancialInstitutions>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityDerivativesRelatedToFinancialInstitutions> [0..1]

<!-- Q26 Part1: Other listed equity derivatives -->
<ListedEquityDerivativesOtherListedEquityDerivatives>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityDerivativesOtherListedEquityDerivatives> [0..1]

<!-- Q26 Part1: Derivative exposures to unlisted equities related to financial institutions -->
<DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions> [0..1]

<!-- Q26 Part1: Other derivative exposures to unlisted equities -->
<DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities> [0..1]

<!-- Q26 Part1: Corporate bonds issued by financial institutions - Investment grade -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade> [0..1]

<!-- Q26 Part1: Corporate bonds issued by financial institutions - Investment grade - Measure -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Corporate bonds issued by financial institutions - Non-investment grade -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Corporate bonds issued by financial institutions - Non-investment grade - Measure -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Investment grade -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade> [0..1]

<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Investment grade - Measure -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Non-investment grade -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade> [0..1]
```



```

<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Non-investment grade - Measure -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Investment grade -->
<ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Investment grade - Measure -->
<ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Non-investment grade -->
<ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Non-investment grade - Measure -->
<ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Investment grade -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Investment grade - Measure -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Non-investment grade -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Non-investment grade - Measure -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure> [0..1]

</...>

```

```

<xsd:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type">
  <xsd:sequence>
    <xsd:element name="ListedEquityIssuedByFinancialInstitutions"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ListedEquityOtherListedEquity"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="UnlistedEquityIssuedByFinancialInstitutions"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="UnlistedEquityOtherUnlistedEquity"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ListedEquityDerivativesRelatedToFinancialInstitutions"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ListedEquityDerivativesOtherListedEquityDerivatives"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element
      name="CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade"
      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType" minOccurs="0" maxOccurs="1"/>
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      type="PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType" minOccurs="0" maxOccurs="1"/>
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</xsd:complexType>

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Complex Type: **PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type**

Super-types:	None
Sub-types:	<ul style="list-style-type: none"><li><a href="#">PFSection2bItemBHedgeFundExposureTradingPart2Type</a> (by extension)</li></ul>

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type
Abstract	no

XML Instance Representation

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<!-- Q26 Part2: Sovereign bonds and municipal bonds - U.S. treasury securities -->
<SovereignBondsUSTreasurySecurities> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsUSTreasurySecurities> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - U.S. treasury securities - Measure -->
<SovereignBondsUSTreasurySecuritiesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsUSTreasurySecuritiesMeasure> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - Agency securities -->
<SovereignBondsAgencySecurities> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsAgencySecurities> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - Agency securities - Measure -->
<SovereignBondsAgencySecuritiesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsAgencySecuritiesMeasure> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - GSE bonds -->
<SovereignBondsGSEBonds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsGSEBonds> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - GSE bonds - Measure -->
<SovereignBondsGSEBondsMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsGSEBondsMeasure> [0..1]

<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S -->
<SovereignBondsNonUSG10Countries> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsNonUSG10Countries> [0..1]

<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S - Measure -->
<SovereignBondsNonUSG10CountriesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsNonUSG10CountriesMeasure> [0..1]

<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) -->
<SovereignBondsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </SovereignBondsOther>
[0..1]

<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) - Measure -->
<SovereignBondsOtherMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsOtherMeasure> [0..1]

<!-- Q26 Part2: U.S. state and local bonds -->
<MunicipalBondsUSStateLocal> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</MunicipalBondsUSStateLocal> [0..1]

<!-- Q26 Part2: U.S. state and local bonds - Measure -->
<MunicipalBondsUSStateLocalMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</MunicipalBondsUSStateLocalMeasure> [0..1]

<!-- Q26 Part2: Loans - Leveraged loans -->
<LoansLeveraged> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </LoansLeveraged> [0..1]

<!-- Q26 Part2: Loans - Leveraged loans - Measure -->
<LoansLeveragedMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </LoansLeveragedMeasure>
[0..1]

<!-- Q26 Part2: Loans - Other loans (not including repos) -->
<LoansOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </LoansOther> [0..1]

<!-- Q26 Part2: Loans - Other loans - Measure -->
<LoansOtherMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </LoansOtherMeasure> [0..1]

<!-- Q26 Part2: Repos -->
<Repos> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </Repos> [0..1]

<!-- Q26 Part2: Repos - Measure -->
<ReposMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </ReposMeasure> [0..1]

<!-- Q26 Part2: ABS/structured products - MBS -->
<StructuredProductsMBS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </StructuredProductsMBS>
[0..1]

<!-- Q26 Part2: ABS/structured products - MBS - Measure -->
<StructuredProductsMBSMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsMBSMeasure> [0..1]
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<!-- Q26 Part2: ABS/structured products - ABCP -->
<StructuredProductsABCP> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsABCP> [0..1]

<!-- Q26 Part2: ABS/structured products - ABCP - Measure -->
<StructuredProductsABCPMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsABCPMeasure> [0..1]

<!-- Q26 Part2: ABS/structured products - CDO/CLO -->
<StructuredProductsCDOCLO> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsCDOCLO> [0..1]

<!-- Q26 Part2: ABS/structured products - CDO/CLO - Measure -->
<StructuredProductsCDOCLOMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsCDOCLOMeasure> [0..1]

<!-- Q26 Part2: Other ABS -->
<StructuredProductsOtherABS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsOtherABS> [0..1]

<!-- Q26 Part2: Other ABS - Measure -->
<StructuredProductsOtherABSMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsOtherABSMeasure> [0..1]

<!-- Q26 Part2: Other structured products -->
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    <xsd:element name="SovereignBondsNonUSG10CountriesMeasure"
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Complex Type: **PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type**

Super-types:	None
Sub-types:	<ul style="list-style-type: none"><li><a href="#">PFSection2bItemBHedgeFundExposureTradingPart3Type</a> (by extension)</li></ul>

Name	PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type
Abstract	no
Documentation	Elements of this type represent Q26 Part3: Exposure of hedge fund assets (Credit derivatives to Investments).

XML Instance Representation

```
<...>

<!-- Q26 Part3: Credit derivatives - Single name CDS -->
<CreditDerivativesSingleNameCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CreditDerivativesSingleNameCDS> [0..1]

<!-- Q26 Part3: Credit derivatives - Index CDS -->
<CreditDerivativesIndexCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CreditDerivativesIndexCDS> [0..1]

<!-- Q26 Part3: Credit derivatives - Exotic CDS -->
<CreditDerivativesExoticCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CreditDerivativesExoticCDS> [0..1]

<!-- Q26 Part3: Foreign exchange derivatives (investment) -->
<ForeignExchangeDerivativesInvestment> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ForeignExchangeDerivativesInvestment> [0..1]

<!-- Q26 Part3: Foreign exchange derivatives (hedging) -->
<ForeignExchangeDerivativesHedging> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ForeignExchangeDerivativesHedging> [0..1]

<!-- Q26 Part3: Non-U.S. currency holdings -->
<NonUSCurrencyHoldings> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </NonUSCurrencyHoldings>
[0..1]

<!-- Q26 Part3: Interest rate derivatives -->
<InterestRateDerivatives> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InterestRateDerivatives> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Crude oil -->
<CommoditiesDerivativesCrudeOil> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesCrudeOil> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Natural gas -->
<CommoditiesDerivativesNaturalGas> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesNaturalGas> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Gold -->
<CommoditiesDerivativesGold> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesGold> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Power -->
<CommoditiesDerivativesPower> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesPower> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Other commodities -->
<CommoditiesDerivativesOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesOther> [0..1]

<!-- Q26 Part3: Commodities (physical) - Crude oil -->
<CommoditiesPhysicalCrudeOil> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalCrudeOil> [0..1]

<!-- Q26 Part3: Commodities (physical) - Natural gas -->
<CommoditiesPhysicalNaturalGas> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalNaturalGas> [0..1]

<!-- Q26 Part3: Commodities (physical) - Gold -->
<CommoditiesPhysicalGold> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalGold> [0..1]

<!-- Q26 Part3: Commodities (physical) - Power -->
<CommoditiesPhysicalPower> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalPower> [0..1]

<!-- Q26 Part3: Commodities (physical) - Other commodities -->
<CommoditiesPhysicalOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalOther> [0..1]

<!-- Q26 Part3: Other derivatives -->
<OtherDerivatives> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </OtherDerivatives> [0..1]

<!-- Q26 Part3: Physical real estate -->
<PhysicalRealEstate> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </PhysicalRealEstate> [0..1]
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<!-- Q26 Part3: Investments in internal private funds -->
<InvestmentsInInternalPrivateFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
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<!-- Q26 Part3: Investments in external private funds -->
<InvestmentsInExternalPrivateFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInExternalPrivateFunds> [0..1]

<!-- Q26 Part3: Investments in registered investment companies -->
<InvestmentsInRegisteredInvestmentCompanies> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInRegisteredInvestmentCompanies> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit -->
<CashEquivalentsCD> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </CashEquivalentsCD> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit - Measure -->
<CashEquivalentsCDMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CashEquivalentsCDMeasure> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Other deposits -->
<CashEquivalentsOtherDeposits> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CashEquivalentsOtherDeposits> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Money market funds -->
<CashEquivalentsMoneyMarketFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CashEquivalentsMoneyMarketFunds> [0..1]

<!-- Q26 Part3: Other cash and cash equivalents -->
<CashEquivalentsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </CashEquivalentsOther>
[0..1]

<!-- Q26 Part3: Investments in funds for cash management purposes -->
<InvestmentsNonMoneyMarketFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsNonMoneyMarketFunds> [0..1]

<!-- Q26 Part3: Investments in other sub-asset classes -->
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    <xsd:element name="CreditDerivativesIndexCDS"
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    <xsd:element name="InterestRateDerivatives"
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    <xsd:element name="CommoditiesDerivativesNaturalGas"
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Complex Type: **PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType**

Super-types:	None
Sub-types:	None

Name	PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType
Abstract	no
Documentation	Elements of this type represent Section 2a - Item A - Exposure of hedge fund assets Q27 and 28.

XML Instance Representation

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  <ListedEquityMonth1> UnsignedLongRestricted15Type </ListedEquityMonth1> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Listed equity - value of turnover during the 2nd Month -->
  <ListedEquityMonth2> UnsignedLongRestricted15Type </ListedEquityMonth2> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Listed equity - value of turnover during the 3rd Month -->
  <ListedEquityMonth3> UnsignedLongRestricted15Type </ListedEquityMonth3> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Corporate bonds (other than convertible bonds ) - value of turnover during the 1st Month -->
  <CorporateBondsMonth1> UnsignedLongRestricted15Type </CorporateBondsMonth1> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Corporate bonds (other than convertible bonds ) - value of turnover during the 2nd Month -->
  <CorporateBondsMonth2> UnsignedLongRestricted15Type </CorporateBondsMonth2> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Corporate bonds (other than convertible bonds ) - value of turnover during the 3rd Month -->
  <CorporateBondsMonth3> UnsignedLongRestricted15Type </CorporateBondsMonth3> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Convertible bonds - value of turnover during the 1st Month -->
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  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Convertible bonds - value of turnover during the 2nd Month -->
  <ConvertibleBondsMonth2> UnsignedLongRestricted15Type </ConvertibleBondsMonth2> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Convertible bonds - value of turnover during the 3rd Month -->
  <ConvertibleBondsMonth3> UnsignedLongRestricted15Type </ConvertibleBondsMonth3> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. treasury securities - value of turnover during the 1st Month -->
  <SovereignBondsUSTreasuryMonth1> UnsignedLongRestricted15Type </SovereignBondsUSTreasuryMonth1> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. treasury securities - value of turnover during the 2nd Month -->
  <SovereignBondsUSTreasuryMonth2> UnsignedLongRestricted15Type </SovereignBondsUSTreasuryMonth2> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. treasury securities - value of turnover during the 3rd Month -->
  <SovereignBondsUSTreasuryMonth3> UnsignedLongRestricted15Type </SovereignBondsUSTreasuryMonth3> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Agency securities - value of turnover during the 1st Month -->
  <SovereignBondsAgencySecuritiesMonth1> UnsignedLongRestricted15Type </SovereignBondsAgencySecuritiesMonth1> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Agency securities - value of turnover during the 2nd Month -->
  <SovereignBondsAgencySecuritiesMonth2> UnsignedLongRestricted15Type </SovereignBondsAgencySecuritiesMonth2> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Agency securities - value of turnover during the 3rd Month -->
  <SovereignBondsAgencySecuritiesMonth3> UnsignedLongRestricted15Type </SovereignBondsAgencySecuritiesMonth3> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - GSE bonds - value of turnover during the 1st Month -->
  <SovereignBondsGSEBondsMonth1> UnsignedLongRestricted15Type </SovereignBondsGSEBondsMonth1> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - GSE bonds - value of turnover during the 2nd Month -->
  <SovereignBondsGSEBondsMonth2> UnsignedLongRestricted15Type </SovereignBondsGSEBondsMonth2> [1]
  <!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - GSE bonds - value of turnover during the 3rd Month -->
  <SovereignBondsGSEBondsMonth3> UnsignedLongRestricted15Type </SovereignBondsGSEBondsMonth3> [1]
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```

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Sovereign bonds
issued by G10 countries other than the U.S - value of turnover during the 1st Month -->
<SovereignBondsNonUSG10CountriesMonth1> UnsignedLongRestricted15Type </SovereignBondsNonUSG10CountriesMonth1> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Sovereign bonds
issued by G10 countries other than the U.S - value of turnover during the 2nd Month -->
<SovereignBondsNonUSG10CountriesMonth2> UnsignedLongRestricted15Type </SovereignBondsNonUSG10CountriesMonth2> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Sovereign bonds
issued by G10 countries other than the U.S - value of turnover during the 3rd Month -->
<SovereignBondsNonUSG10CountriesMonth3> UnsignedLongRestricted15Type </SovereignBondsNonUSG10CountriesMonth3> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Other sovereign
bonds (including supranational bonds) - value of turnover during the 1st Month -->
<SovereignBondsOtherMonth1> UnsignedLongRestricted15Type </SovereignBondsOtherMonth1> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Other sovereign
bonds (including supranational bonds) - value of turnover during the 2nd Month -->
<SovereignBondsOtherMonth2> UnsignedLongRestricted15Type </SovereignBondsOtherMonth2> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - Other sovereign
bonds (including supranational bonds) - value of turnover during the 3rd Month -->
<SovereignBondsOtherMonth3> UnsignedLongRestricted15Type </SovereignBondsOtherMonth3> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. state and
local bonds - value of turnover during the 1st Month -->
<MunicipalBondsUSStateLocalMonth1> UnsignedLongRestricted15Type </MunicipalBondsUSStateLocalMonth1> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. state and
local bonds - value of turnover during the 2nd Month -->
<MunicipalBondsUSStateLocalMonth2> UnsignedLongRestricted15Type </MunicipalBondsUSStateLocalMonth2> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Sovereign bonds and municipal bonds - U.S. state and
local bonds - value of turnover during the 3rd Month -->
<MunicipalBondsUSStateLocalMonth3> UnsignedLongRestricted15Type </MunicipalBondsUSStateLocalMonth3> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Futures - value of turnover during the 1st Month -->
<FuturesMonth1> UnsignedLongRestricted15Type </FuturesMonth1> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Futures - value of turnover during the 2nd Month -->
<FuturesMonth2> UnsignedLongRestricted15Type </FuturesMonth2> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q27 - Futures - value of turnover during the 3rd Month -->
<FuturesMonth3> UnsignedLongRestricted15Type </FuturesMonth3> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (i)Africa - percentage of the total net asset value -->
<PercentNAVInAfrica> UnsignedLongRestricted15Type </PercentNAVInAfrica> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (ii)Asia and Pacific (other than the Middle East) - percentage of the total net asset value -->
<PercentNAVInAsiaPacific> UnsignedLongRestricted15Type </PercentNAVInAsiaPacific> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (iii)Europe (EEA) - percentage of the total net asset value -->
<PercentNAVInEuropeEEA> UnsignedLongRestricted15Type </PercentNAVInEuropeEEA> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (iv)Europe (other than EEA) - percentage of the total net asset value -->
<PercentNAVInEuropeNonEEA> UnsignedLongRestricted15Type </PercentNAVInEuropeNonEEA> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (v)Middle East - percentage of the total net asset value -->
<PercentNAVInMiddleEast> UnsignedLongRestricted15Type </PercentNAVInMiddleEast> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (vi)North America - percentage of the total net asset value -->
<PercentNAVInNorthAmerica> UnsignedLongRestricted15Type </PercentNAVInNorthAmerica> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (vii)South America - percentage of the total net asset value -->
<PercentNAVInSouthAmerica> UnsignedLongRestricted15Type </PercentNAVInSouthAmerica> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (a) - geographical breakdown of the investments in
region - (viii)Supranational - percentage of the total net asset value -->
<PercentNAVInSupranational> UnsignedLongRestricted15Type </PercentNAVInSupranational> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (i)Brazil -
percentage of the total net asset value -->
<PercentNAVInBrazil> UnsignedLongRestricted15Type </PercentNAVInBrazil> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (ii)China
(including Hong Kong) - percentage of the total net asset value -->
<PercentNAVInChina> UnsignedLongRestricted15Type </PercentNAVInChina> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (iii)India -
percentage of the total net asset value -->
<PercentNAVInIndia> UnsignedLongRestricted15Type </PercentNAVInIndia> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (iv)Japan -
percentage of the total net asset value -->
<PercentNAVInJapan> UnsignedLongRestricted15Type </PercentNAVInJapan> [1]

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<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (v)Russia -
percentage of the total net asset value -->
<PercentNAVInRussia> UnsignedLongRestricted15Type </PercentNAVInRussia> [1]

<!-- Section 2a - Item A - Exposure of hedge fund assets Q28 (b) - value of investments in country - (vi)United
States - percentage of the total net asset value -->
<PercentNAVInUS> UnsignedLongRestricted15Type </PercentNAVInUS> [1]

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## Schema Component Representation

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<xsd:complexType name="PFSection2aItemAHedgeFundAggregatedAssetsInvestmentType">
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    <xsd:element name="ListedEquityMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="ListedEquityMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="CorporateBondsMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="CorporateBondsMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="CorporateBondsMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="ConvertibleBondsMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="ConvertibleBondsMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="ConvertibleBondsMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsUSTreasuryMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsUSTreasuryMonth2" type="UnsignedLongRestricted15Type"/>
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    <xsd:element name="SovereignBondsAgencySecuritiesMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsGSEBondsMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsGSEBondsMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsGSEBondsMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsNonUSG10CountriesMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsNonUSG10CountriesMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsNonUSG10CountriesMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsOtherMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsOtherMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="SovereignBondsOtherMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="MunicipalBondsUSStateLocalMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="MunicipalBondsUSStateLocalMonth2" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="MunicipalBondsUSStateLocalMonth3" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="FuturesMonth1" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="FuturesMonth2" type="UnsignedLongRestricted15Type"/>
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    <xsd:element name="PercentNAVInSupranational" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInBrazil" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInChina" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInIndia" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInJapan" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInRussia" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentNAVInUS" type="UnsignedLongRestricted15Type"/>
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</xsd:complexType>

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Complex Type: PFSection2bItemBCounterPartyQ36Q37Type

Super-types:	None
Sub-types:	None

Name	PFSection2bItemBCounterPartyQ36Q37Type
Abstract	no
Documentation	Q36/Q37 for the Counterparty entered in corresponding parent node for the Q22/Q23 NOTE: This node needs to be included only if Section 2b is being answered for a qualified hedge fund.

XML Instance Representation

```
<...>
  <!-- Q36(a)(i)/Q37(a)(i) for the Counterparty entered in corresponding parent node for the Q22/Q23 -->
  <CounterpartyCollateralCash> LongRestricted15Type </CounterpartyCollateralCash> [0..1]
  <!-- Q36(a)(ii)/Q37(a)(ii) for the Counterparty entered in corresponding parent node for the Q22/Q23 -->
  <CounterpartyCollateralSecurities> LongRestricted15Type </CounterpartyCollateralSecurities> [0..1]
  <!-- Q36(a)(iii)/Q37(a)(iii) for the Counterparty entered in corresponding parent node for the Q22/Q23 -->
  <CounterpartyCollateralPosted> LongRestricted15Type </CounterpartyCollateralPosted> [0..1]
</...>
```

Schema Component Representation

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<xsd:complexType name="PFSection2bItemBCounterPartyQ36Q37Type">
  <xsd:sequence>
    <xsd:element name="CounterpartyCollateralCash" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="CounterpartyCollateralSecurities" type="LongRestricted15Type" minOccurs="0"/>
    <xsd:element name="CounterpartyCollateralPosted" type="LongRestricted15Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
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Complex Type: **PFSection2bItemBHedgeFundExposureTradingPart1Type**

Super-types:	<a href="#">PFSection2aItemAHedgeFundAggregatedAssetsExposurePart1Type</a> < <b>PFSection2bItemBHedgeFundExposureTradingPart1Type</b> (by extension)
Sub-types:	None

Name	PFSection2bItemBHedgeFundExposureTradingPart1Type
Abstract	no
Documentation	Elements of this type represent Q30: Part 1 (extended Q26: Part 1 with FundID)

XML Instance Representation

```
<...>

<!-- Q26 Part1: Listed equity issued by financial institutions -->
<ListedEquityIssuedByFinancialInstitutions> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityIssuedByFinancialInstitutions> [0..1]

<!-- Q26 Part1: Other listed equity -->
<ListedEquityOtherListedEquity> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityOtherListedEquity> [0..1]

<!-- Q26 Part1: Unlisted equity issued by financial institutions -->
<UnlistedEquityIssuedByFinancialInstitutions> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</UnlistedEquityIssuedByFinancialInstitutions> [0..1]

<!-- Q26 Part1: Other unlisted equity -->
<UnlistedEquityOtherUnlistedEquity> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</UnlistedEquityOtherUnlistedEquity> [0..1]

<!-- Q26 Part1: Listed equity derivatives related to financial institutions -->
<ListedEquityDerivativesRelatedToFinancialInstitutions>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityDerivativesRelatedToFinancialInstitutions> [0..1]

<!-- Q26 Part1: Other listed equity derivatives -->
<ListedEquityDerivativesOtherListedEquityDerivatives>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ListedEquityDerivativesOtherListedEquityDerivatives> [0..1]

<!-- Q26 Part1: Derivative exposures to unlisted equities related to financial institutions -->
<DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</DerivativeExposuresToUnlistedEquitiesRelatedToFinancialInstitutions> [0..1]

<!-- Q26 Part1: Other derivative exposures to unlisted equities -->
<DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</DerivativeExposuresToUnlistedEquitiesOtherDerivativeExposuresToUnlistedEquities> [0..1]

<!-- Q26 Part1: Corporate bonds issued by financial institutions - Investment grade -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade> [0..1]

<!-- Q26 Part1: Corporate bonds issued by financial institutions - Investment grade - Measure -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Corporate bonds issued by financial institutions - Non-investment grade -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Corporate bonds issued by financial institutions - Non-investment grade - Measure -->
<CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Investment grade -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGrade> [0..1]

<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Investment grade - Measure -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Non-investment grade -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGrade> [0..1]
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<!-- Q26 Part1: Corporate bonds not issued by financial institutions - Non-investment grade - Measure -->
<CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CorporateBondsNotIssuedByFinancialInstitutionsOtherThanConvertibleBondsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Investment grade -->
<ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Investment grade - Measure -->
<ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Non-investment grade -->
<ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds issued by financial institutions - Non-investment grade - Measure -->
<ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsIssuedByFinancialInstitutionsNonInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Investment grade -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Investment grade - Measure -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsInvestmentGradeMeasure> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Non-investment grade -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGrade> [0..1]

<!-- Q26 Part1: Convertible bonds not issued by financial institutions - Non-investment grade - Measure -->
<ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure>
PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</ConvertibleBondsNotIssuedByFinancialInstitutionsNonInvestmentGradeMeasure> [0..1]
<FundID> FundIDType </FundID> [1]
</...>

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#### Schema Component Representation

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        <xsd:element name="FundID" type="FundIDType"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

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Complex Type: **PFSection2bltemBHedgeFundExposureTradingPart2Type**

Super-types:	<a href="#">PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type</a> < <b>PFSection2bltemBHedgeFundExposureTradingPart2Type</b> (by extension)
Sub-types:	None

Name	PFSection2bltemBHedgeFundExposureTradingPart2Type
Abstract	no
Documentation	Elements of this type represent Q30: Part 2 (extended Q26: Part 2 with FundID)

XML Instance Representation

```
<...>

<!-- Q26 Part2: Sovereign bonds and municipal bonds - U.S. treasury securities -->
<SovereignBondsUSTreasurySecurities> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsUSTreasurySecurities> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - U.S. treasury securities - Measure -->
<SovereignBondsUSTreasurySecuritiesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsUSTreasurySecuritiesMeasure> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - Agency securities -->
<SovereignBondsAgencySecurities> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsAgencySecurities> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - Agency securities - Measure -->
<SovereignBondsAgencySecuritiesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsAgencySecuritiesMeasure> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - GSE bonds -->
<SovereignBondsGSEBonds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsGSEBonds> [0..1]

<!-- Q26 Part2: Sovereign bonds and municipal bonds - GSE bonds - Measure -->
<SovereignBondsGSEBondsMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsGSEBondsMeasure> [0..1]

<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S -->
<SovereignBondsNonUSG10Countries> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</SovereignBondsNonUSG10Countries> [0..1]

<!-- Q26 Part2: Sovereign bonds issued by G10 countries other than the U.S - Measure -->
<SovereignBondsNonUSG10CountriesMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsNonUSG10CountriesMeasure> [0..1]

<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) -->
<SovereignBondsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </SovereignBondsOther>
[0..1]

<!-- Q26 Part2: Other sovereign bonds (including supranational bonds) - Measure -->
<SovereignBondsOtherMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</SovereignBondsOtherMeasure> [0..1]

<!-- Q26 Part2: U.S. state and local bonds -->
<MunicipalBondsUSStateLocal> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</MunicipalBondsUSStateLocal> [0..1]

<!-- Q26 Part2: U.S. state and local bonds - Measure -->
<MunicipalBondsUSStateLocalMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</MunicipalBondsUSStateLocalMeasure> [0..1]

<!-- Q26 Part2: Loans - Leveraged loans -->
<LoansLeveraged> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </LoansLeveraged> [0..1]

<!-- Q26 Part2: Loans - Leveraged loans - Measure -->
<LoansLeveragedMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </LoansLeveragedMeasure>
[0..1]

<!-- Q26 Part2: Loans - Other loans (not including repos) -->
<LoansOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </LoansOther> [0..1]

<!-- Q26 Part2: Loans - Other loans - Measure -->
<LoansOtherMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType </LoansOtherMeasure> [0..1]

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<!-- Q26 Part2: Repos - Measure -->
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<!-- Q26 Part2: ABS/structured products - MBS -->
<StructuredProductsMBS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </StructuredProductsMBS>
[0..1]

<!-- Q26 Part2: ABS/structured products - MBS - Measure -->
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<!-- Q26 Part2: ABS/structured products - ABCP -->
<StructuredProductsABCP> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsABCP> [0..1]

<!-- Q26 Part2: ABS/structured products - ABCP - Measure -->
<StructuredProductsABCPMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsABCPMeasure> [0..1]

<!-- Q26 Part2: ABS/structured products - CDO/CLO -->
<StructuredProductsCDOCLLO> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsCDOCLLO> [0..1]

<!-- Q26 Part2: ABS/structured products - CDO/CLO - Measure -->
<StructuredProductsCDOCLLOMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsCDOCLLOMeasure> [0..1]

<!-- Q26 Part2: Other ABS -->
<StructuredProductsOtherABS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsOtherABS> [0..1]

<!-- Q26 Part2: Other ABS - Measure -->
<StructuredProductsOtherABSMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</StructuredProductsOtherABSMeasure> [0..1]

<!-- Q26 Part2: Other structured products -->
<StructuredProductsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</StructuredProductsOther> [0..1]

<FundID> FundIDType </FundID> [1]
</...>

```

## Schema Component Representation

```

<xsd:complexType name="PFSection2bItemBHedgeFundExposureTradingPart2Type">
  <xsd:complexContent>
    <xsd:extension base="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart2Type">
      <xsd:sequence>
        <xsd:element name="FundID" type="FundIDType"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

```

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Complex Type: **PFSection2bItemBHedgeFundExposureTradingPart3Type**

Super-types:	<a href="#">PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type</a> < <b>PFSection2bItemBHedgeFundExposureTradingPart3Type</b> (by extension)
Sub-types:	None

Name	PFSection2bItemBHedgeFundExposureTradingPart3Type
Abstract	no
Documentation	Elements of this type represent Q30: Part 3 (extended Q26: Part 3 with FundID)

XML Instance Representation

```
<...>

<!-- Q26 Part3: Credit derivatives - Single name CDS -->
<CreditDerivativesSingleNameCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CreditDerivativesSingleNameCDS> [0..1]

<!-- Q26 Part3: Credit derivatives - Index CDS -->
<CreditDerivativesIndexCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CreditDerivativesIndexCDS> [0..1]

<!-- Q26 Part3: Credit derivatives - Exotic CDS -->
<CreditDerivativesExoticCDS> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CreditDerivativesExoticCDS> [0..1]

<!-- Q26 Part3: Foreign exchange derivatives (investment) -->
<ForeignExchangeDerivativesInvestment> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ForeignExchangeDerivativesInvestment> [0..1]

<!-- Q26 Part3: Foreign exchange derivatives (hedging) -->
<ForeignExchangeDerivativesHedging> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</ForeignExchangeDerivativesHedging> [0..1]

<!-- Q26 Part3: Non-U.S. currency holdings -->
<NonUSCurrencyHoldings> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </NonUSCurrencyHoldings>
[0..1]

<!-- Q26 Part3: Interest rate derivatives -->
<InterestRateDerivatives> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InterestRateDerivatives> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Crude oil -->
<CommoditiesDerivativesCrudeOil> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesCrudeOil> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Natural gas -->
<CommoditiesDerivativesNaturalGas> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesNaturalGas> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Gold -->
<CommoditiesDerivativesGold> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesGold> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Power -->
<CommoditiesDerivativesPower> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesPower> [0..1]

<!-- Q26 Part3: Commodities (derivatives) - Other commodities -->
<CommoditiesDerivativesOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesDerivativesOther> [0..1]

<!-- Q26 Part3: Commodities (physical) - Crude oil -->
<CommoditiesPhysicalCrudeOil> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalCrudeOil> [0..1]

<!-- Q26 Part3: Commodities (physical) - Natural gas -->
<CommoditiesPhysicalNaturalGas> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalNaturalGas> [0..1]

<!-- Q26 Part3: Commodities (physical) - Gold -->
<CommoditiesPhysicalGold> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalGold> [0..1]

<!-- Q26 Part3: Commodities (physical) - Power -->
<CommoditiesPhysicalPower> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalPower> [0..1]

<!-- Q26 Part3: Commodities (physical) - Other commodities -->
<CommoditiesPhysicalOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CommoditiesPhysicalOther> [0..1]

<!-- Q26 Part3: Other derivatives -->
<OtherDerivatives> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </OtherDerivatives> [0..1]

<!-- Q26 Part3: Physical real estate -->
<PhysicalRealEstate> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </PhysicalRealEstate> [0..1]
```

```

<!-- Q26 Part3: Investments in internal private funds -->
<InvestmentsInInternalPrivateFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInInternalPrivateFunds> [0..1]

<!-- Q26 Part3: Investments in external private funds -->
<InvestmentsInExternalPrivateFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInExternalPrivateFunds> [0..1]

<!-- Q26 Part3: Investments in registered investment companies -->
<InvestmentsInRegisteredInvestmentCompanies> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsInRegisteredInvestmentCompanies> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit -->
<CashEquivalentsCD> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </CashEquivalentsCD> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Certificates of deposit - Measure -->
<CashEquivalentsCDMeasure> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemMeasureType
</CashEquivalentsCDMeasure> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Other deposits -->
<CashEquivalentsOtherDeposits> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CashEquivalentsOtherDeposits> [0..1]

<!-- Q26 Part3: Cash and cash equivalents - Money market funds -->
<CashEquivalentsMoneyMarketFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</CashEquivalentsMoneyMarketFunds> [0..1]

<!-- Q26 Part3: Other cash and cash equivalents -->
<CashEquivalentsOther> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType </CashEquivalentsOther>
[0..1]

<!-- Q26 Part3: Investments in funds for cash management purposes -->
<InvestmentsNonMoneyMarketFunds> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsNonMoneyMarketFunds> [0..1]

<!-- Q26 Part3: Investments in other sub-asset classes -->
<InvestmentsOtherSubAssets> PFSection2aItemAHedgeFundAggregatedAssetsExposureItemNonMeasureType
</InvestmentsOtherSubAssets> [0..1]
<FundID> FundIDType </FundID> [1]
</...>

```

#### Schema Component Representation

```

<xsd:complexType name="PFSection2bItemBHedgeFundExposureTradingPart3Type">
  <xsd:complexContent>
    <xsd:extension base="PFSection2aItemAHedgeFundAggregatedAssetsExposurePart3Type">
      <xsd:sequence>
        <xsd:element name="FundID" type="FundIDType"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

```

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Complex Type: **PFSection2bItemBHedgeFundPositionItemType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemBHedgeFundPositionItemType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Section 2b - Item B - Q35 - % of net asset value -->
  <NAVPercent> DecimalRestricted15p4Type </NAVPercent> [1]
  <!-- Section 2b - Item B - Q35 - Sub-asset class -->
  <AssetClassCD> HedgeAssetClassCDType </AssetClassCD> [1]
  <!-- Section 2b - Item B - Q35 - First month - Other -->
  <AssetClassOther> StringRestricted256Type </AssetClassOther> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemBHedgeFundPositionItemType">
  <xsd:sequence>
    <xsd:element name="NAVPercent" type="DecimalRestricted15p4Type" />
    <xsd:element name="AssetClassCD" type="HedgeAssetClassCDType" />
    <xsd:element name="AssetClassOther" type="StringRestricted256Type" minOccurs="0" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemBHedgeFundPositionsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemBHedgeFundPositionsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Section 2b - Item B - Q35 - hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Section 2b - Item B - Q35 - Hedge Fund Position Item for First Month -->
  <HedgeFundPositionsMonthOne> HedgeFundPositionsMonthType </HedgeFundPositionsMonthOne> [0..1]
  <!-- Section 2b - Item B - Q35 - Hedge Fund Position Item for Second Month -->
  <HedgeFundPositionsMonthTwo> HedgeFundPositionsMonthType </HedgeFundPositionsMonthTwo> [0..1]
  <!-- Section 2b - Item B - Q35 - Hedge Fund Position Item for Third Month -->
  <HedgeFundPositionsMonthThree> HedgeFundPositionsMonthType </HedgeFundPositionsMonthThree> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemBHedgeFundPositionsType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="HedgeFundPositionsMonthOne" type="HedgeFundPositionsMonthType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="HedgeFundPositionsMonthTwo" type="HedgeFundPositionsMonthType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="HedgeFundPositionsMonthThree" type="HedgeFundPositionsMonthType" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Super-types:	None
Sub-types:	None

Name	PFSection2bltemBQ31ffHedgeLiquidityType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q31-Q34 Hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q31 - reporting fund's base currency -->
  <CurrencyCode> CurrencyCodeType </CurrencyCode> [0..1]
  <!-- Q31 - reporting fund's base currency - Other -->
  <CurrencyOtherText> StringRestricted256Type </CurrencyOtherText> [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 1 day or less -->
  <PortfolioLiquidatableInDays0To1Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays0To1Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 2 days - 7 days -->
  <PortfolioLiquidatableInDays2To7Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays2To7Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 8 days - 30 days -->
  <PortfolioLiquidatableInDays8To30Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays8To30Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 31 days - 90 days -->
  <PortfolioLiquidatableInDays31To90Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays31To90Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 91 days - 180 days -->
  <PortfolioLiquidatableInDays91To180Percent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays91To180Percent>
  [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within 181 days - 365 days -->
  <PortfolioLiquidatableInDays181To365Percent> UnsignedLongRestricted15Type
  </PortfolioLiquidatableInDays181To365Percent> [0..1]
  <!-- Q32 - % of portfolio capable of being liquidated within Longer than 365 days -->
  <PortfolioLiquidatableInDays365MorePercent> UnsignedLongRestricted15Type </PortfolioLiquidatableInDays365MorePercent>
  [0..1]
  <!-- Q33 - Value of reporting fund's unencumbered cash - 1st Month -->
  <UnencumberedCashMonth1> LongRestricted15Type </UnencumberedCashMonth1> [0..1]
  <!-- Q33 - Value of reporting fund's unencumbered cash - 2nd Month -->
  <UnencumberedCashMonth2> LongRestricted15Type </UnencumberedCashMonth2> [0..1]
  <!-- Q33 - Value of reporting fund's unencumbered cash - 3rd Month -->
  <UnencumberedCashMonth3> LongRestricted15Type </UnencumberedCashMonth3> [0..1]
  <!-- Q34 - Total number of open positions (approximate) - 1st Month -->
  <TotalOpenPositionsMonth1> UnsignedLongRestricted15Type </TotalOpenPositionsMonth1> [0..1]
  <!-- Q34 - Total number of open positions (approximate) - 2nd Month -->
  <TotalOpenPositionsMonth2> UnsignedLongRestricted15Type </TotalOpenPositionsMonth2> [0..1]
  <!-- Q34 - Total number of open positions (approximate) - 3rd Month -->
  <TotalOpenPositionsMonth3> UnsignedLongRestricted15Type </TotalOpenPositionsMonth3> [0..1]
</...>
```

## Schema Component Representation

```
<xsd:complexType name="PFSection2bItemBQ31ffHedgeLiquidityType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="CurrencyCode" type="CurrencyCodeType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CurrencyOtherText" type="StringRestricted256Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays0To1Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays2To7Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays8To30Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays31To90Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays91To180Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays181To365Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="PortfolioLiquidatableInDays365MorePercent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="UnencumberedCashMonth1" type="LongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="UnencumberedCashMonth2" type="LongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="UnencumberedCashMonth3" type="LongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="TotalOpenPositionsMonth1" type="UnsignedLongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="TotalOpenPositionsMonth2" type="UnsignedLongRestricted15Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="TotalOpenPositionsMonth3" type="UnsignedLongRestricted15Type" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemBQ38ffHedgeCtrlRehypType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemBQ38ffHedgeCtrlRehypType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q38-39 Hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]
  <!-- Section 2b - Item B - Q38(a)(i) - Of the total amount of collateral and other credit support that counterparties
  have posted to the reporting fund, what percentage may be rehypothecated? -->
  <CounterpartyToFundCollateralMaybeRehypPct> PercentType </CounterpartyToFundCollateralMaybeRehypPct> [0..1]
  <!-- Section 2b - Item B - Q38(a)(ii) - Of the total amount of collateral and other credit support that
  counterparties have posted to the reporting fund, what percentage has the reporting fund rehypothecated? -->
  <CounterpartyToFundCollateralHasRehypPct> PercentType </CounterpartyToFundCollateralHasRehypPct> [0..1]
  <!-- Section 2b - Item B - Q38(b) - Of the total amount of collateral and other credit support that the reporting
  fund has posted to counterparties, what percentage may be rehypothecated? -->
  <FundToCounterpartyCollateralMaybeRehypPct> PercentType </FundToCounterpartyCollateralMaybeRehypPct> [0..1]
  <!-- Section 2b - Item B - Q39 - did the reporting fund clear any transactions directly through a CCP? -->
  <ClearTransactionsThroughCCP> BooleanYNTType </ClearTransactionsThroughCCP> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemBQ38ffHedgeCtrlRehypType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="CounterpartyToFundCollateralMaybeRehypPct" type="PercentType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CounterpartyToFundCollateralHasRehypPct" type="PercentType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="FundToCounterpartyCollateralMaybeRehypPct" type="PercentType" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ClearTransactionsThroughCCP" type="BooleanYNTType" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundCommodityPricesMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundCommodityPricesMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
    NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundCommodityPricesMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundCreditSpreadsMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundCreditSpreadsMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
    NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundCreditSpreadsMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundCurrencyRatesMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundCurrencyRatesMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
    NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundDefaultRatesABSMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundDefaultRatesABSMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
    NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundDefaultRatesCDSMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundDefaultRatesCDSMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
    NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundEquityMarketFactorEffectType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundEquityMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundEquityMarketFactorChangeCodeType </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundEquityMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundEquityMarketFactorChangeCodeType" minOccurs="0"
      maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundEquityMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundEquityMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
    NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundEquityMarketFactorEffectType </HedgeFundMarketFactorEffect>
    [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundEquityMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundEquityMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType
  </MarketFactorEffectChangeCD> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
    NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorEffectType" minOccurs="0"
            maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Effect on long components -->
  <MarketFactorLongEffectPct> LongRestricted5Type </MarketFactorLongEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect on short components -->
  <MarketFactorShortEffectPct> LongRestricted5Type </MarketFactorShortEffectPct> [0..1]
  <!-- Q42 - Market Factor Effect Change Code -->
  <MarketFactorEffectChangeCD> HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType </MarketFactorEffectChangeCD>
  [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType">
  <xsd:sequence>
    <xsd:element name="MarketFactorLongEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorShortEffectPct" type="LongRestricted5Type" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="MarketFactorEffectChangeCD" type="HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType"
      minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - Market Factor Relevance Code -->
  <RelevanceTypeCD> HedgeFundMarketFactorRelevanceType </RelevanceTypeCD> [1]
  <!-- Q42 - Market Factor Effect's parent node.
    NOTE: This needs to be included only if RelevanceTypeCD is RLVNT_TSTD. -->
  <HedgeFundMarketFactorEffects> [0..1]
    <!-- Q42 - Market Factor Effect -->
    <HedgeFundMarketFactorEffect> PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType
    </HedgeFundMarketFactorEffect> [0..4]
  </HedgeFundMarketFactorEffects>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="RelevanceTypeCD" type="HedgeFundMarketFactorRelevanceType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundMarketFactorEffects" minOccurs="0" maxOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="HedgeFundMarketFactorEffect"
            type="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorEffectType" minOccurs="0" maxOccurs="4"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q42 - hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]

  <!-- Q42 - Market Factor - Equity prices -->
  <HedgeFundEquityPricesRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundEquityMarketFactorsType
  </HedgeFundEquityPricesRelevanceTypeMarketFactor> [1]

  <!-- Q42 - Market Factor - Risk free interest rates -->
  <HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor>
  PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType
  </HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor> [1]

  <!-- Q42 - Market Factor - Credit spreads -->
  <HedgeFundCreditSpreadsRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType
  </HedgeFundCreditSpreadsRelevanceTypeMarketFactor> [1]

  <!-- Q42 - Market Factor - Currency rates -->
  <HedgeFundCurrencyRatesRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType
  </HedgeFundCurrencyRatesRelevanceTypeMarketFactor> [1]

  <!-- Q42 - Market Factor - Commodity prices -->
  <HedgeFundCommodityPricesRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType
  </HedgeFundCommodityPricesRelevanceTypeMarketFactor> [1]

  <!-- Q42 - Market Factor - Option implied volatilities -->
  <HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor>
  PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType
  </HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor> [1]

  <!-- Q42 - Market Factor - Default rates (ABS) -->
  <HedgeFundDefaultRatesRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType
  </HedgeFundDefaultRatesRelevanceTypeMarketFactor> [1]

  <!-- Q42 - Market Factor - Default rates (corporate bonds and CDS) -->
  <HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor> PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType
  </HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskMetricsByMarketFactorsType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="HedgeFundEquityPricesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundEquityMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundRiskFreeInterestRatesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundRiskFreeInterestRatesMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundCreditSpreadsRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundCreditSpreadsMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundCurrencyRatesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundCurrencyRatesMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundCommodityPricesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundCommodityPricesMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundOptionImpliedVolatilitiesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundOptionImpliedVolatilitiesMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundDefaultRatesRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundDefaultRatesABSMarketFactorsType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="HedgeFundDefaultRatesBondsCDsRelevanceTypeMarketFactor"
      type="PFSection2bItemCHedgeFundDefaultRatesCDSMarketFactorsType" minOccurs="1" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundRiskVarCalculatedType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskVarCalculatedType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q40(b)(i): Confidence interval used (e.g., 100%-alpha%) (as a percentage) -->
  <ConfidenceIntervalPercent> PercentType </ConfidenceIntervalPercent> [1]
  <!-- Q40(b)(ii): Time horizon used -->
  <TimeHorizonDays> PositiveDecimalRestricted15p2Type </TimeHorizonDays> [1]
  <!-- Q40(b)(iii): Weighting method used to calculate VaR -->
  <WeightedMethodCode> WeightedMethodCodeType </WeightedMethodCode> [1]
  <!-- Q40(b)(iii): Weighting method used to calculate VaR - Other -->
  <WeightedMethodCodeOther> StringRestricted256Type </WeightedMethodCodeOther> [0..1]
  <!-- Q40(b)(iv): Weighting factor used -->
  <WeightedFactorValue> DecimalRestricted15p2RequiredDecimalType </WeightedFactorValue> [0..1]
  <!-- Q40(b)(v): Method used to calculate VaR -->
  <CalculationMethodCode> CalculationMethodCodeType </CalculationMethodCode> [1]
  <!-- Q40(b)(v): Method used to calculate VaR - Other -->
  <CalculationMethodCodeOther> StringRestricted256Type </CalculationMethodCodeOther> [0..1]
  <!-- Q40(b)(vi): Historical lookback period used -->
  <HistoricalLookbackPeriodYears> PositiveDecimalNAExRestricted15p2Type </HistoricalLookbackPeriodYears> [1]
  <!-- Q40(b)(vii): VaR at the end of the 1st month of the reporting period -->
  <VaRMonth1Percent> PercentType2 </VaRMonth1Percent> [1]
  <!-- Q40(b)(viii): VaR at the end of the 2nd month of the reporting period -->
  <VaRMonth2Percent> PercentType2 </VaRMonth2Percent> [1]
  <!-- Q40(b)(ix): VaR at the end of the 3rd month of the reporting period -->
  <VaRMonth3Percent> PercentType2 </VaRMonth3Percent> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskVarCalculatedType">
  <xsd:sequence>
    <xsd:element name="ConfidenceIntervalPercent" type="PercentType" minOccurs="1"/>
    <xsd:element name="TimeHorizonDays" type="PositiveDecimalRestricted15p2Type" minOccurs="1"/>
    <xsd:element name="WeightedMethodCode" type="WeightedMethodCodeType" minOccurs="1"/>
    <xsd:element name="WeightedMethodCodeOther" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="WeightedFactorValue" type="DecimalRestricted15p2RequiredDecimalType" minOccurs="0"/>
    <xsd:element name="CalculationMethodCode" type="CalculationMethodCodeType" minOccurs="1"/>
    <xsd:element name="CalculationMethodCodeOther" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="HistoricalLookbackPeriodYears" type="PositiveDecimalNAExRestricted15p2Type" minOccurs="1"/>
    <xsd:element name="VaRMonth1Percent" type="PercentType2" minOccurs="1"/>
    <xsd:element name="VaRMonth2Percent" type="PercentType2" minOccurs="1"/>
    <xsd:element name="VaRMonth3Percent" type="PercentType2" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection2bItemCHedgeFundRiskVarMetricType

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskVarMetricType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q41: Risk metrics important to the reporting fund's risk management -->
  <NonVaRRiskMetricCode> NonVaRRiskMetricCodeType </NonVaRRiskMetricCode> [1]
  <!-- Q41: Risk metrics important to the reporting fund's risk management - Other -->
  <NonVaRRiskMetricOther> StringRestricted256Type </NonVaRRiskMetricOther> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskVarMetricType">
  <xsd:sequence>
    <xsd:element name="NonVaRRiskMetricCode" type="NonVaRRiskMetricCodeType" minOccurs="1"/>
    <xsd:element name="NonVaRRiskMetricOther" type="StringRestricted256Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemCHedgeFundRiskVarType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemCHedgeFundRiskVarType
Abstract	no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q40(a): During the reporting period, did you regularly calculate the VaR of the reporting fund?
    (Please respond without regard to whether you reported the result of this calculation internally or to
    investors) -->
  <VaRCalculatedRegularly> xsd:boolean </VaRCalculatedRegularly> [1]
  <!-- Q40(b): If you responded yes to Q40(a), provide the following information
    (If you regularly calculate the VaR of the reporting fund using multiple combinations of confidence interval,
    horizon and historical observation period, complete a separate response to this Q40(b) for each such combination) -->
  <CalculatedRisk> [0..1]
    <PFSection2bItemCHedgeFundRiskVarCalculated> PFSection2bItemCHedgeFundRiskVarCalculatedType
  </PFSection2bItemCHedgeFundRiskVarCalculated> [1..*]
</CalculatedRisk>
  <!-- Q41: Are there any risk metrics other than (or in addition to) VaR that you consider to be important to the
    reporting fund's risk management?
    (Select all that you consider relevant. Please respond without regard to whether you reported the metric
    internally or to investors. If none, None) -->
  <Metrics> [1]
    <PFSection2bItemCHedgeFundRiskVarMetric> PFSection2bItemCHedgeFundRiskVarMetricType
  </PFSection2bItemCHedgeFundRiskVarMetric> [1..*]
</Metrics>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemCHedgeFundRiskVarType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="VaRCalculatedRegularly" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="CalculatedRisk" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection2bItemCHedgeFundRiskVarCalculated"
            type="PFSection2bItemCHedgeFundRiskVarCalculatedType" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="Metrics" minOccurs="1">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection2bItemCHedgeFundRiskVarMetric"
            type="PFSection2bItemCHedgeFundRiskVarMetricType" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemDHedgeFundCreditorsType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemDHedgeFundCreditorsType
Abstract	no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q47: List of Hedge fund Creditors. -->
  <Creditors> [0..1]
    <PFSection2bItemDHedgeFundCreditor> PFSection2bItemDHedgeFundCreditorType </PFSection2bItemDHedgeFundCreditor>
    [0..*]
  </Creditors>
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemDHedgeFundCreditorsType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType" />
    <xsd:element name="Creditors" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection2bItemDHedgeFundCreditor" type="PFSection2bItemDHedgeFundCreditorType"
            minOccurs="0" maxOccurs="unbounded" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection2bItemDHedgeFundCreditorType**

Super-types:	None
Sub-types:	None

Name	PFSection2bItemDHedgeFundCreditorType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q47 Name of Creditor -->
  <CreditorNameCode> CreditorNameType </CreditorNameCode> [1]
  <!-- Q47 "Other" description when Creditor Name provided is "Other" -->
  <CreditorOtherDescription> StringRestricted256Type </CreditorOtherDescription> [0..1]
  <!-- Q47 Dollar amount owed to each creditor -->
  <AmountOwed> PositiveLongRestricted15Type </AmountOwed> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection2bItemDHedgeFundCreditorType">
  <xsd:sequence>
    <xsd:element name="CreditorNameCode" type="CreditorNameType" minOccurs="1"/>
    <xsd:element name="CreditorOtherDescription" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="AmountOwed" type="PositiveLongRestricted15Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Super-types:	None
Sub-types:	None

Name	PFSection2bltemDHedgeFundFinancingBorrowingType
Abstract	no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q43(a): Dollar amount of unsecured borrowing -->
  <UnsecuredBorrowingAmount> FinanceBorrowingItem15pType </UnsecuredBorrowingAmount> [1]
  <!-- Q43(a)(i): Percentage borrowed from U.S. financial institutions -->
  <UnsecuredBorrowingUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</UnsecuredBorrowingUSFinancialInstitutionPercent> [1]
  <!-- Q43(a)(ii): Percentage borrowed from non-U.S. financial institutions -->
  <UnsecuredBorrowingNonUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</UnsecuredBorrowingNonUSFinancialInstitutionPercent> [1]
  <!-- Q43(a)(iii): Percentage borrowed from U.S. creditors that are not financial institutions -->
  <UnsecuredBorrowingOtherUSCreditorsPercent> FinanceBorrowingItem3pType </UnsecuredBorrowingOtherUSCreditorsPercent>
[1]
  <!-- Q43(a)(iv): Percentage borrowed from non-U.S. creditors that are not financial institutions -->
  <UnsecuredBorrowingOtherNonUSCreditorsPercent> FinanceBorrowingItem3pType
</UnsecuredBorrowingOtherNonUSCreditorsPercent> [1]
  <!-- Q43(b)(i): Dollar amount via prime brokerage -->
  <SecuredBorrowingPrimeBrokerageAmount> FinanceBorrowingItem15pType </SecuredBorrowingPrimeBrokerageAmount> [1]
  <!-- Q43(b)(i)(A): Value of collateral posted in the form of cash and cash equivalents -->
  <SecuredBorrowingPrimeBrokerageCashCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingPrimeBrokerageCashCollateralAmount> [1]
  <!-- Q43(b)(i)(B): Value of collateral posted in the form of securities -->
  <SecuredBorrowingPrimeBrokerageSecuritiesCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingPrimeBrokerageSecuritiesCollateralAmount> [1]
  <!-- Q43(b)(i)(C): Value of other collateral and credit support posted -->
  <SecuredBorrowingPrimeBrokerageOtherCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingPrimeBrokerageOtherCollateralAmount> [1]
  <!-- Q43(b)(i)(D): Percentage borrowed from U.S. financial institutions -->
  <SecuredBorrowingPrimeBrokerageUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingPrimeBrokerageUSFinancialInstitutionPercent> [1]
  <!-- Q43(b)(i)(E): Percentage borrowed from non-U.S. financial institutions -->
  <SecuredBorrowingPrimeBrokerageNonUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingPrimeBrokerageNonUSFinancialInstitutionPercent> [1]
  <!-- Q43(b)(i)(F): Percentage borrowed from U.S. creditors that are not financial institutions -->
  <SecuredBorrowingPrimeBrokerageOtherUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingPrimeBrokerageOtherUSCreditorsPercent> [1]
  <!-- Q43(b)(i)(G): Percentage borrowed from non-U.S. creditors that are not financial institutions -->
  <SecuredBorrowingPrimeBrokerageOtherNonUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingPrimeBrokerageOtherNonUSCreditorsPercent> [1]
  <!-- Q43(b)(ii): Dollar amount via reverse repo -->
  <SecuredBorrowingReverseRepoAmount> FinanceBorrowingItem15pType </SecuredBorrowingReverseRepoAmount> [1]
  <!-- Q43(b)(ii)(A): Value of collateral posted in the form of cash and cash equivalents -->
  <SecuredBorrowingReverseRepoCashCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingReverseRepoCashCollateralAmount> [1]
  <!-- Q43(b)(ii)(B): Value of collateral posted in the form of securities -->
  <SecuredBorrowingReverseRepoSecuritiesCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingReverseRepoSecuritiesCollateralAmount> [1]
  <!-- Q43(b)(ii)(C): Value of other collateral and credit support posted -->
  <SecuredBorrowingReverseRepoOtherCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingReverseRepoOtherCollateralAmount> [1]
  <!-- Q43(b)(ii)(D): Percentage borrowed from U.S. financial institutions -->
  <SecuredBorrowingReverseRepoUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingReverseRepoUSFinancialInstitutionPercent> [1]
  <!-- Q43(b)(ii)(E): Percentage borrowed from non-U.S. financial institutions -->
  <SecuredBorrowingReverseRepoNonUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingReverseRepoNonUSFinancialInstitutionPercent> [1]

```

```

<!-- Q43(b)(ii)(F): Percentage borrowed from U.S. creditors that are not financial institutions -->
<SecuredBorrowingReverseRepoOtherUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingReverseRepoOtherUSCreditorsPercent> [1]

<!-- Q43(b)(ii)(G): Percentage borrowed from non-U.S. creditors that are not financial institutions -->
<SecuredBorrowingReverseRepoOtherNonUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingReverseRepoOtherNonUSCreditorsPercent> [1]

<!-- Q43(b)(iii): Dollar amount of other secured borrowings -->
<SecuredBorrowingOtherAmount> FinanceBorrowingItem15pType </SecuredBorrowingOtherAmount> [1]

<!-- Q43(b)(iii)(A): Value of collateral posted in the form of cash and cash equivalents -->
<SecuredBorrowingOtherCashCollateralAmount> FinanceBorrowingItem16pType </SecuredBorrowingOtherCashCollateralAmount>
[1]

<!-- Q43(b)(iii)(B): Value of collateral posted in the form of securities -->
<SecuredBorrowingOtherSecuritiesCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingOtherSecuritiesCollateralAmount> [1]

<!-- Q43(b)(iii)(C): Value of other collateral and credit support posted -->
<SecuredBorrowingOtherOtherCollateralAmount> FinanceBorrowingItem16pType
</SecuredBorrowingOtherOtherCollateralAmount> [1]

<!-- Q43(b)(iii)(D): Percentage borrowed from U.S. financial institutions -->
<SecuredBorrowingOtherUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingOtherUSFinancialInstitutionPercent> [1]

<!-- Q43(b)(iii)(E): Percentage borrowed from non-U.S. financial institutions -->
<SecuredBorrowingOtherNonUSFinancialInstitutionPercent> FinanceBorrowingItem3pType
</SecuredBorrowingOtherNonUSFinancialInstitutionPercent> [1]

<!-- Q43(b)(iii)(F): Percentage borrowed from U.S. creditors that are not financial institutions -->
<SecuredBorrowingOtherOtherUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingOtherOtherUSCreditorsPercent> [1]

<!-- Q43(b)(iii)(G): Percentage borrowed from non-U.S. creditors that are not financial institutions -->
<SecuredBorrowingOtherOtherNonUSCreditorsPercent> FinanceBorrowingItem3pType
</SecuredBorrowingOtherOtherNonUSCreditorsPercent> [1]

</...>

```

```

<xsd:complexType name="PFSection2bItemDHedgeFundFinancingBorrowingType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="UnsecuredBorrowingAmount" type="FinanceBorrowingItem15pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="UnsecuredBorrowingUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="UnsecuredBorrowingNonUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="UnsecuredBorrowingOtherUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="UnsecuredBorrowingOtherNonUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageAmount" type="FinanceBorrowingItem15pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageCashCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageSecuritiesCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageOtherCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageNonUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageOtherUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingPrimeBrokerageOtherNonUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoAmount" type="FinanceBorrowingItem15pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoCashCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoSecuritiesCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoOtherCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoNonUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoOtherUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingReverseRepoOtherNonUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherAmount" type="FinanceBorrowingItem15pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherCashCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherSecuritiesCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherOtherCollateralAmount" type="FinanceBorrowingItem16pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherNonUSFinancialInstitutionPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherOtherUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SecuredBorrowingOtherOtherNonUSCreditorsPercent" type="FinanceBorrowingItem3pType" minOccurs="1" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

```

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Super-types:	None
Sub-types:	None

Name	PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType
Abstract	no

XML Instance Representation

```
<...>
<FundID> FundIDType </FundID> [1]

<!-- Q44 Aggregate value of all derivatives positions of the reporting fund - 1st Month -->
<DerivativesPositionsMonth1Value> UnsignedDecimalNAExRestricted15Type </DerivativesPositionsMonth1Value> [0..1]

<!-- Q44 Aggregate value of all derivatives positions of the reporting fund - 2nd Month -->
<DerivativesPositionsMonth2Value> UnsignedDecimalNAExRestricted15Type </DerivativesPositionsMonth2Value> [0..1]

<!-- Q44 Aggregate value of all derivatives positions of the reporting fund - 3rd Month -->
<DerivativesPositionsMonth3Value> UnsignedDecimalNAExRestricted15Type </DerivativesPositionsMonth3Value> [0..1]

<!-- Q45(a) Aggregate net mark-to-market value - 1st Month -->
<NetMarkToMarketMonth1Value> DecimalNAExRestricted15p0Type </NetMarkToMarketMonth1Value> [1]

<!-- Q45(a) Aggregate net mark-to-market value - 2nd Month -->
<NetMarkToMarketMonth2Value> DecimalNAExRestricted15p0Type </NetMarkToMarketMonth2Value> [1]

<!-- Q45(a) Aggregate net mark-to-market value - 3rd Month -->
<NetMarkToMarketMonth3Value> DecimalNAExRestricted15p0Type </NetMarkToMarketMonth3Value> [1]

<!-- Q45(b) Net value of collateral posted in the form of cash and cash equivalents - 1st Month -->
<NetCashCollateralMonth1Value> LongRestricted15Type </NetCashCollateralMonth1Value> [1]

<!-- Q45(b) Net value of collateral posted in the form of cash and cash equivalents - 2nd Month -->
<NetCashCollateralMonth2Value> LongRestricted15Type </NetCashCollateralMonth2Value> [1]

<!-- Q45(b) Net value of collateral posted in the form of cash and cash equivalents - 3rd Month -->
<NetCashCollateralMonth3Value> LongRestricted15Type </NetCashCollateralMonth3Value> [1]

<!-- Q45(c) Net value of collateral posted in the form of securities other than cash and cash equivalent instruments - 1st Month -->
<NetSecuritiesCollateralMonth1Value> LongRestricted15Type </NetSecuritiesCollateralMonth1Value> [1]

<!-- Q45(c) Net value of collateral posted in the form of securities other than cash and cash equivalent instruments - 2nd Month -->
<NetSecuritiesCollateralMonth2Value> LongRestricted15Type </NetSecuritiesCollateralMonth2Value> [1]

<!-- Q45(c) Net value of collateral posted in the form of securities other than cash and cash equivalent instruments - 3rd Month -->
<NetSecuritiesCollateralMonth3Value> LongRestricted15Type </NetSecuritiesCollateralMonth3Value> [1]

<!-- Q45(d) Net value of other collateral and credit support posted by or to the reporting fund - 1st Month -->
<NetOtherCollateralMonth1Value> LongRestricted15Type </NetOtherCollateralMonth1Value> [1]

<!-- Q45(d) Net value of other collateral and credit support posted by or to the reporting fund - 2nd Month -->
<NetOtherCollateralMonth2Value> LongRestricted15Type </NetOtherCollateralMonth2Value> [1]

<!-- Q45(d) Net value of other collateral and credit support posted by or to the reporting fund - 3rd Month -->
<NetOtherCollateralMonth3Value> LongRestricted15Type </NetOtherCollateralMonth3Value> [1]

<!-- Q46(a) The aggregate dollar amount of borrowing by and cash financing available to the reporting fund -->
<TotalFinancingAmount> UnsignedLongRestricted15Type </TotalFinancingAmount> [1]

<!-- Q46(b) % of total financing - 1 day or less -->
<TotalFinancingInDays0To1Percent> UnsignedLongRestricted15Type </TotalFinancingInDays0To1Percent> [0..1]

<!-- Q46(b) % of total financing - 2 days - 7 days -->
<TotalFinancingInDays2To7Percent> UnsignedLongRestricted15Type </TotalFinancingInDays2To7Percent> [0..1]

<!-- Q46(b) % of total financing - 8 days - 30 days -->
<TotalFinancingInDays8To30Percent> UnsignedLongRestricted15Type </TotalFinancingInDays8To30Percent> [0..1]

<!-- Q46(b) % of total financing - 31 days - 90 days -->
<TotalFinancingInDays31To90Percent> UnsignedLongRestricted15Type </TotalFinancingInDays31To90Percent> [0..1]

<!-- Q46(b) % of total financing - 91 days - 180 days -->
<TotalFinancingInDays91To180Percent> UnsignedLongRestricted15Type </TotalFinancingInDays91To180Percent> [0..1]

<!-- Q46(b) % of total financing - 181 days - 365 days -->
<TotalFinancingInDays181To365Percent> UnsignedLongRestricted15Type </TotalFinancingInDays181To365Percent> [0..1]

<!-- Q46(b) % of total financing - Longer than 365 days -->
<TotalFinancingInDays365MorePercent> UnsignedLongRestricted15Type </TotalFinancingInDays365MorePercent> [0..1]

</...>
```

```

<xsd:complexType name="PFSection2bItemDHedgeFundFinancingDerivativesLiquidityType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="DerivativesPositionsMonth1Value" type="UnsignedDecimalNAExRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="DerivativesPositionsMonth2Value" type="UnsignedDecimalNAExRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="DerivativesPositionsMonth3Value" type="UnsignedDecimalNAExRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="NetMarkToMarketMonth1Value" type="DecimalNAExRestricted15p0Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetMarkToMarketMonth2Value" type="DecimalNAExRestricted15p0Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetMarkToMarketMonth3Value" type="DecimalNAExRestricted15p0Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetCashCollateralMonth1Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetCashCollateralMonth2Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetSecuritiesCollateralMonth1Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetSecuritiesCollateralMonth2Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetSecuritiesCollateralMonth3Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetOtherCollateralMonth1Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetOtherCollateralMonth2Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NetOtherCollateralMonth3Value" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotalFinancingAmount" type="UnsignedLongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays0To1Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays2To7Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays8To30Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays31To90Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays91To180Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays181To365Percent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
    <xsd:element name="TotalFinancingInDays365MorePercent" type="UnsignedLongRestricted15Type" minOccurs="0"
maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: **PFSection2blItemEHedgeFundInvestorInfoType**

Super-types:	None
Sub-types:	None

Name	PFSection2blItemEHedgeFundInvestorInfoType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q48-50 Hedge fund identification number of the reporting fund -->
  <FundID> FundIDType </FundID> [1]

  <!-- Q48(a) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any, is
  subject to a "side-pocket" arrangement? -->
  <SidePocketArrangementPercent> PercentType </SidePocketArrangementPercent> [1]

  <!-- Q48(b) - Have additional assets been placed in a side-pocket since the end of the prior reporting period -->
  <AdditionalAssetsInSidePocketCode> AdditionalAssetsInSidePocketCodeType </AdditionalAssetsInSidePocketCode> [1]

  <!-- Q49(a) - Does the reporting fund provide investors with withdrawal/redemption rights in the ordinary course -->
  <ProvideWithdrawalRightsFlag> xsd:boolean </ProvideWithdrawalRightsFlag> [1]

  <!-- Q49(b) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any may be
  subjected to a suspension of investor withdrawals/redemptions by an adviser or fund governing body -->
  <WithdrawalSuspensionMaybeSubjectedPercent> PercentType </WithdrawalSuspensionMaybeSubjectedPercent> [0..1]

  <!-- Q49(c) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any may be
  subjected to material restrictions on investor withdrawals/ redemptions (e.g., "gates") by an adviser or fund
  governing body -->
  <WithdrawalMaterialRestrictionMaybeSubjectedPercent> PercentType
</WithdrawalMaterialRestrictionMaybeSubjectedPercent> [0..1]

  <!-- Q49(d) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any is
  subject to a suspension of investor withdrawals/redemptions -->
  <WithdrawalSuspensionIsSubjectedPercent> PercentType </WithdrawalSuspensionIsSubjectedPercent> [0..1]

  <!-- Q49(e) - As of the data reporting date, what percentage of the reporting fund's net asset value, if any is
  subject to a material restriction on investor withdrawals/redemptions -->
  <WithdrawalMaterialRestrictionIsSubjectedPercent> PercentType </WithdrawalMaterialRestrictionIsSubjectedPercent>
[0..1]

  <!-- Q50 - % of NAV - 1 day or less -->
  <InvestorLiquidityInDays0To1Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays0To1Percent> [1]

  <!-- Q50 - % of NAV - 2 days - 7 days -->
  <InvestorLiquidityInDays2To7Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays2To7Percent> [1]

  <!-- Q50 - % of NAV - 8 days - 30 days -->
  <InvestorLiquidityInDays8To30Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays8To30Percent> [1]

  <!-- Q50 - % of NAV - 31 days - 90 days -->
  <InvestorLiquidityInDays31To90Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays31To90Percent> [1]

  <!-- Q50 - % of NAV - 91 days - 180 days -->
  <InvestorLiquidityInDays91To180Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays91To180Percent> [1]

  <!-- Q50 - % of NAV - 181 days - 365 days -->
  <InvestorLiquidityInDays181To365Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays181To365Percent> [1]

  <!-- Q50 - % of NAV - Longer than 365 days -->
  <InvestorLiquidityInDays365MorePercent> UnsignedLongRestricted15Type </InvestorLiquidityInDays365MorePercent> [1]
</...>
```

```
<xsd:complexType name="PFSection2bItemEHedgeFundInvestorInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="SidePocketArrangementPercent" type="PercentType" minOccurs="1"/>
    <xsd:element name="AdditionalAssetsInSidePocketCode" type="AdditionalAssetsInSidePocketCodeType" minOccurs="1"/>
    <xsd:element name="ProvideWithdrawalRightsFlag" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="WithdrawalSuspensionMaybeSubjectedPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="WithdrawalMaterialRestrictionMaybeSubjectedPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="WithdrawalSuspensionIsSubjectedPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="WithdrawalMaterialRestrictionIsSubjectedPercent" type="PercentType" minOccurs="0"/>
    <xsd:element name="InvestorLiquidityInDays0To1Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays2To7Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays8To30Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays31To90Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays91To180Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays181To365Percent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
    <xsd:element name="InvestorLiquidityInDays365MorePercent" type="UnsignedLongRestricted15Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3FinancingInfoMeasureType**

Super-types:	None
Sub-types:	None

Name	PFSection3FinancingInfoMeasureType
Abstract	no

XML Instance Representation

```
<...>
  <!-- Q56(b) Maturity Days Code -->
  <LiquidityFinancingMaturityTypeCode> LiquidityFinancingMaturityTypeCodeType </LiquidityFinancingMaturityTypeCode> [1]
  <!-- Q56(b) - 1 day or less. -->
  <BorrowedAmountMaturityInDays0To1Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays0To1Amount> [1]
  <!-- Q56(b) - 2 days to 7 days. -->
  <BorrowedAmountMaturityInDays2To7Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays2To7Amount> [1]
  <!-- Q56(b) - 8 days to 30 days. -->
  <BorrowedAmountMaturityInDays8To30Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays8To30Amount> [1]
  <!-- Q56(b) - 31 days to 397 days. -->
  <BorrowedAmountMaturityInDays31To397Amount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays31To397Amount>
  [1]
  <!-- Q56(b) - Greater than 397 days. -->
  <BorrowedAmountMaturityInDays397MoreAmount> UnsignedLongRestricted15Type </BorrowedAmountMaturityInDays397MoreAmount>
  [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3FinancingInfoMeasureType">
  <xsd:sequence>
    <xsd:element name="LiquidityFinancingMaturityTypeCode" type="LiquidityFinancingMaturityTypeCodeType" />
    <xsd:element name="BorrowedAmountMaturityInDays0To1Amount" type="UnsignedLongRestricted15Type" />
    <xsd:element name="BorrowedAmountMaturityInDays2To7Amount" type="UnsignedLongRestricted15Type" />
    <xsd:element name="BorrowedAmountMaturityInDays8To30Amount" type="UnsignedLongRestricted15Type" />
    <xsd:element name="BorrowedAmountMaturityInDays31To397Amount" type="UnsignedLongRestricted15Type" />
    <xsd:element name="BorrowedAmountMaturityInDays397MoreAmount" type="UnsignedLongRestricted15Type" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemALiquidityOperationalInfoType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemALiquidityOperationalInfoType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item A - Information about the liquidity funds you advise - Operational Information.

XML Instance Representation

```
<...>
  <!-- Q51(b): Liquidity (or Other) fund identification number of the reporting fund included in Section 3. -->
  <FundID> FundIDType </FundID> [1]
  <!-- Q52: Does the reporting fund use the amortized cost method of valuation in computing its net asset value -->
  <UseAmortizedCostMethod> xsd:boolean </UseAmortizedCostMethod> [1]
  <!-- Q53: Does the reporting fund use the penny rounding method of pricing in computing its net asset value -->
  <UsePennyRoundingMethod> xsd:boolean </UsePennyRoundingMethod> [1]
  <!-- Q54(a) Does the reporting fund have a policy of complying with the risk limiting conditions of rule 2a-7 -->
  <ComplyRule2a7RiskCondition> xsd:boolean </ComplyRule2a7RiskCondition> [1]
  <!-- Q54(b)(i) Specifying if the reporting fund has a policy of complying with the diversification conditions -->
  <ComplyRule2a7DiversificationCondition> xsd:boolean </ComplyRule2a7DiversificationCondition> [0..1]
  <!-- Q54(b)(ii) Specifying if the reporting fund has a policy of complying with the credit quality conditions -->
  <ComplyRule2a7CreditQualityCondition> xsd:boolean </ComplyRule2a7CreditQualityCondition> [0..1]
  <!-- Q54(b)(iii) Specifying if the reporting fund has a policy of complying with the liquidity conditions -->
  <ComplyRule2a7LiquidityCondition> xsd:boolean </ComplyRule2a7LiquidityCondition> [0..1]
  <!-- Q54(b)(iv) Specifying if the reporting fund has a policy of complying with the maturity conditions -->
  <ComplyRule2a7MaturityCondition> xsd:boolean </ComplyRule2a7MaturityCondition> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemALiquidityOperationalInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="UseAmortizedCostMethod" type="xsd:boolean"/>
    <xsd:element name="UsePennyRoundingMethod" type="xsd:boolean"/>
    <xsd:element name="ComplyRule2a7RiskCondition" type="xsd:boolean"/>
    <xsd:element name="ComplyRule2a7DiversificationCondition" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="ComplyRule2a7CreditQualityCondition" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="ComplyRule2a7LiquidityCondition" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="ComplyRule2a7MaturityCondition" type="xsd:boolean" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemBLiquidityAssetsType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemBLiquidityAssetsType
Abstract	no
Documentation	(Schema Documentation Continued on the Next Page...)

```

<...>
<!-- Section 3 - Item B - Q55 - Liquidity Fund identification number of the reporting fund -->
<FundID> FundIDType </FundID> [1]

<!-- 55(a) Net asset value of reporting fund - 1st Month -->
<NAVMonth1Amount> LongRestricted15Type </NAVMonth1Amount> [1]

<!-- 55(a) Net asset value of reporting fund - 2nd Month -->
<NAVMonth2Amount> LongRestricted15Type </NAVMonth2Amount> [1]

<!-- 55(a) Net asset value of reporting fund - 3rd Month -->
<NAVMonth3Amount> LongRestricted15Type </NAVMonth3Amount> [1]

<!-- 55(b) Net asset value per share of reporting fund - 1st Month -->
<NAVPerShareMonth1Amount> DecimalRestricted15p4Type </NAVPerShareMonth1Amount> [1]

<!-- 55(b) Net asset value per share of reporting fund - 2nd Month -->
<NAVPerShareMonth2Amount> DecimalRestricted15p4Type </NAVPerShareMonth2Amount> [1]

<!-- 55(b) Net asset value per share of reporting fund - 3rd Month -->
<NAVPerShareMonth3Amount> DecimalRestricted15p4Type </NAVPerShareMonth3Amount> [1]

<!-- 55(c) Market-based net asset value per share of reporting fund - 1st Month -->
<NAVPerShareMarketBasedMonth1Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth1Amount> [1]

<!-- 55(c) Market-based net asset value per share of reporting fund - 2nd Month -->
<NAVPerShareMarketBasedMonth2Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth2Amount> [1]

<!-- 55(c) Market-based net asset value per share of reporting fund - 3rd Month -->
<NAVPerShareMarketBasedMonth3Amount> DecimalRestricted15p4Type </NAVPerShareMarketBasedMonth3Amount> [1]

<!-- 55(d) WAM of reporting fund - 1st Month -->
<WAMMonth1Amount> UnsignedDecimalRestricted15p2Type </WAMMonth1Amount> [1]

<!-- 55(d) WAM of reporting fund - 2nd Month -->
<WAMMonth2Amount> UnsignedDecimalRestricted15p2Type </WAMMonth2Amount> [1]

<!-- 55(d) WAM of reporting fund - 3rd Month -->
<WAMMonth3Amount> UnsignedDecimalRestricted15p2Type </WAMMonth3Amount> [1]

<!-- 55(e) WAL of reporting fund - 1st Month -->
<WALMonth1Amount> UnsignedDecimalRestricted15p2Type </WALMonth1Amount> [1]

<!-- 55(e) WAL of reporting fund - 2nd Month -->
<WALMonth2Amount> UnsignedDecimalRestricted15p2Type </WALMonth2Amount> [1]

<!-- 55(e) WAL of reporting fund - 3rd Month -->
<WALMonth3Amount> UnsignedDecimalRestricted15p2Type </WALMonth3Amount> [1]

<!-- 55(f) 7-day gross yield of reporting fund - 1st Month -->
<SevenDayGrossYieldMonth1Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth1Amount> [1]

<!-- 55(f) 7-day gross yield of reporting fund - 2nd Month -->
<SevenDayGrossYieldMonth2Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth2Amount> [1]

<!-- 55(f) 7-day gross yield of reporting fund - 3rd Month -->
<SevenDayGrossYieldMonth3Amount> DecimalRestricted15p4Type </SevenDayGrossYieldMonth3Amount> [1]

<!-- 55(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 1st Month -->
<AssetsDailyLiquidMonth1Amount> LongRestricted15Type </AssetsDailyLiquidMonth1Amount> [1]

<!-- 55(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 2nd Month -->
<AssetsDailyLiquidMonth2Amount> LongRestricted15Type </AssetsDailyLiquidMonth2Amount> [1]

<!-- 55(g) Dollar amount of the reporting fund's assets that are daily liquid assets - 3rd Month -->
<AssetsDailyLiquidMonth3Amount> LongRestricted15Type </AssetsDailyLiquidMonth3Amount> [1]

<!-- 55(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 1st Month -->
<AssetsWeeklyLiquidMonth1Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth1Amount> [1]

<!-- 55(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 2nd Month -->
<AssetsWeeklyLiquidMonth2Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth2Amount> [1]

<!-- 55(h) Dollar amount of the reporting fund's assets that are weekly liquid assets - 3rd Month -->
<AssetsWeeklyLiquidMonth3Amount> LongRestricted15Type </AssetsWeeklyLiquidMonth3Amount> [1]

<!-- 55(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 1st Month -->
<AssetsMaturityGreater397DaysMonth1Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth1Amount> [1]

<!-- 55(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 2nd Month -->
<AssetsMaturityGreater397DaysMonth2Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth2Amount> [1]

<!-- 55(i) Dollar amount of the reporting fund's assets that have a maturity greater than 397 days - 3rd Month -->
<AssetsMaturityGreater397DaysMonth3Amount> LongRestricted15Type </AssetsMaturityGreater397DaysMonth3Amount> [1]

</...>

```



```

<xsd:complexType name="PFSection3ItemBLiquidityAssetsType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="NAVMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVMonth3Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVPerShareMonth1Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVPerShareMonth2Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVPerShareMonth3Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="NAVPerShareMarketBasedMonth1Amount" type="DecimalRestricted15p4Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="NAVPerShareMarketBasedMonth2Amount" type="DecimalRestricted15p4Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="NAVPerShareMarketBasedMonth3Amount" type="DecimalRestricted15p4Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="WAMMonth1Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WAMMonth2Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WAMMonth3Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WALMonth1Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WALMonth2Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="WALMonth3Amount" type="UnsignedDecimalRestricted15p2Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SevenDayGrossYieldMonth1Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SevenDayGrossYieldMonth2Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="SevenDayGrossYieldMonth3Amount" type="DecimalRestricted15p4Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsDailyLiquidMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsDailyLiquidMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsDailyLiquidMonth3Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsWeeklyLiquidMonth1Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsWeeklyLiquidMonth2Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsWeeklyLiquidMonth3Amount" type="LongRestricted15Type" minOccurs="1" maxOccurs="1"/>
    <xsd:element name="AssetsMaturityGreater397DaysMonth1Amount" type="LongRestricted15Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="AssetsMaturityGreater397DaysMonth2Amount" type="LongRestricted15Type" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="AssetsMaturityGreater397DaysMonth3Amount" type="LongRestricted15Type" minOccurs="1"
maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: **PFSection3ItemCLiquidityFinancingInfoType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemCLiquidityFinancingInfoType
Abstract	no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]

  <!-- Q56(a): Is the amount of total borrowing reported in response to Question 12 equal to or greater than 5% of the
reporting fund's net asset value? -->
  <BorrowedTotalAmountGreater5Percent> xsd:boolean </BorrowedTotalAmountGreater5Percent> [1]

  <!-- Q56(b) -->
  <FinancingBorrowingList> [0..1]
    <PFSection3ItemCLiquidityFinancingInfoItem> PFSection3FinancingInfoMeasureType
    </PFSection3ItemCLiquidityFinancingInfoItem> [1..8]
  </FinancingBorrowingList>

  <!-- Q57(a): Does the reporting fund have in place one or more committed liquidity facilities? -->
  <HasCommittedLiquidityFacilities> xsd:boolean </HasCommittedLiquidityFacilities> [1]

  <!-- Q57(b): If you responded "yes" to Question 57(a), provide the aggregate dollar amount of commitments under the
liquidity facilities -->
  <CommittedLiquidityFacilitiesAmount> PositiveLongRestricted15Type </CommittedLiquidityFacilitiesAmount> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemCLiquidityFinancingInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="BorrowedTotalAmountGreater5Percent" type="xsd:boolean"/>
    <xsd:element name="FinancingBorrowingList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemCLiquidityFinancingInfoItem" type="PFSection3FinancingInfoMeasureType"
maxOccurs="8"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="HasCommittedLiquidityFacilities" type="xsd:boolean"/>
    <xsd:element name="CommittedLiquidityFacilitiesAmount" type="PositiveLongRestricted15Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemDLiquidityInvestorInfoType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemDLiquidityInvestorInfoType
Abstract	no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q58 - the number of outstanding shares or units of the reporting fund's stock or similar securities -->
  <NumberOfOutstandingShares> UnsignedLongRestricted15Type </NumberOfOutstandingShares> [1]
  <!-- Q59(a) - the percentage of the reporting fund's equity beneficially owned by the beneficial owner having the
  largest equity interest in the reporting fund -->
  <TopBeneficiallyOwnedEquityPercent> PercentType </TopBeneficiallyOwnedEquityPercent> [1]
  <!-- Q59(b) - the number of investors owning more than 5% of the reporting fund's equity -->
  <NumberOfInvestorsBeneficiallyOwnMore5Percent> UnsignedLongRestricted15Type
</NumberOfInvestorsBeneficiallyOwnMore5Percent> [1]
  <!-- Q60 - the estimate of the reporting fund's outstanding equity purchased using securities lending collateral -->
  <PercentEquityPurchasedUsingSecuritiesLendingCollateral> PercentType
</PercentEquityPurchasedUsingSecuritiesLendingCollateral> [1]
  <!-- Q61(a) - Percentage of the fund's NAV which may be subjected to a suspension of investor withdrawals/redemptions
  by an adviser or fund governing body -->
  <WithdrawalSuspensionMaybeSubjectedPercent> PercentType </WithdrawalSuspensionMaybeSubjectedPercent> [1]
  <!-- Q61(b) - Percentage of the fund's NAV which may be subjected to material restrictions on investor
  withdrawals/redemptions -->
  <WithdrawalMaterialRestrictionMaybeSubjectedPercent> PercentType
</WithdrawalMaterialRestrictionMaybeSubjectedPercent> [1]
  <!-- Q61(c) Percentage of the fund's NAV subject to a suspension of investor withdrawals/redemptions -->
  <WithdrawalSuspensionIsSubjectedPercent> PercentType </WithdrawalSuspensionIsSubjectedPercent> [1]
  <!-- Q61(d) Percentage of the fund's NAV subject to a material restriction on investor withdrawals/redemptions -->
  <WithdrawalMaterialRestrictionIsSubjectedPercent> PercentType </WithdrawalMaterialRestrictionIsSubjectedPercent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 1 day or less -->
  <InvestorLiquidityInDays0To1Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays0To1Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 2 days - 7 days -->
  <InvestorLiquidityInDays2To7Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays2To7Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 8 days - 30 days -->
  <InvestorLiquidityInDays8To30Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays8To30Percent> [1]
  <!-- Q62 v- Investor liquidity - % of NAV locked for 31 days - 90 days -->
  <InvestorLiquidityInDays31To90Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays31To90Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 91 days - 180 days -->
  <InvestorLiquidityInDays91To180Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays91To180Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for 181 days - 365 days -->
  <InvestorLiquidityInDays181To365Percent> UnsignedLongRestricted15Type </InvestorLiquidityInDays181To365Percent> [1]
  <!-- Q62 - Investor liquidity - % of NAV locked for Longer than 365 days -->
  <InvestorLiquidityInDays365MorePercent> UnsignedLongRestricted15Type </InvestorLiquidityInDays365MorePercent> [1]
</...>
```

## Schema Component Representation

```
<xsd:complexType name="PFSection3ItemDLiquidityInvestorInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="NumberOfOutstandingShares" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="TopBeneficiallyOwnedEquityPercent" type="PercentType"/>
    <xsd:element name="NumberOfInvestorsBeneficiallyOwnMore5Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PercentEquityPurchasedUsingSecuritiesLendingCollateral" type="PercentType"/>
    <xsd:element name="WithdrawalSuspensionMaybeSubjectedPercent" type="PercentType"/>
    <xsd:element name="WithdrawalMaterialRestrictionMaybeSubjectedPercent" type="PercentType"/>
    <xsd:element name="WithdrawalSuspensionIsSubjectedPercent" type="PercentType"/>
    <xsd:element name="WithdrawalMaterialRestrictionIsSubjectedPercent" type="PercentType"/>
    <xsd:element name="InvestorLiquidityInDays0To1Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays2To7Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays8To30Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays31To90Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays91To180Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays181To365Percent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="InvestorLiquidityInDays365MorePercent" type="UnsignedLongRestricted15Type"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemEEnhancementCreditAgencyNameAndRatingType

Super-types:	None
Sub-types:	None

Name	PFSection3ItemEEnhancementCreditAgencyNameAndRatingType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 n (iii) Enhancement Credit Agency Name and Rating information.

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(n) (iii) Enhancement Credit Rating Agency Name -->
  <EnhancementCreditRatingAgencyName> StringRestricted150Type </EnhancementCreditRatingAgencyName> [1]
  <!-- Section 3 - Item E - 63 (n) (iii)Enhancement Rating -->
  <EnhancementCreditRating> StringRestricted20Type </EnhancementCreditRating> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemEEnhancementCreditAgencyNameAndRatingType">
  <xsd:sequence>
    <xsd:element name="EnhancementCreditRatingAgencyName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="EnhancementCreditRating" type="StringRestricted20Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 (m) (ii) Guarantee Credit Agency Name and Rating information

XML Instance Representation

```
<...>
  <!-- Section 3 - Item D - 63(m) (ii) Guarantee Credit Agency Name -->
  <GuaranteeCreditRatingAgencyName> StringRestricted150Type </GuaranteeCreditRatingAgencyName> [1]
  <!-- Section 3 - Item D - 63 (m) (ii) Guarantee Rating -->
  <GuaranteeCreditRating> StringRestricted20Type </GuaranteeCreditRating> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType">
  <xsd:sequence>
    <xsd:element name="GuaranteeCreditRatingAgencyName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="GuaranteeCreditRating" type="StringRestricted20Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemELiquiditySecuritiesItemType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecuritiesItemType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 Liquidity Portfolio Information List

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63 Reporting Period Month -->
  <ReportingPeriodMonth> xs:positiveInteger (1 <= value <= 3) </ReportingPeriodMonth> [1]
  <!-- Section 3 - Item E - 63(a) Name of the issuer -->
  <IssuerName> StringRestricted150Type </IssuerName> [1]
  <!-- Section 3 - Item E - 63(b) Title of the issue -->
  <IssuerTitle> StringRestricted150Type </IssuerTitle> [1]
  <!-- Section 3 - Item E - 63(c) CUSIP -->
  <CUSIP> StringRestricted9Type </CUSIP> [0..1]
  <!-- Section 3 - Item E - 63(d) LEI, if available -->
  <LegalEntityID> LEIType </LegalEntityID> [0..1]
  <!-- Section 3 - Item E - 63 (e)(i) ISIN -->
  <ISINNumber> StringRestricted12Type </ISINNumber> [0..1]
  <!-- Section 3 - Item E - 63 (e)(ii) CIK -->
  <CIKNumber> PositiveLongNAExRestricted10Type </CIKNumber> [0..1]
  <!-- Section 3 - Item E - 63 (e)(iii) Other unique identifier -->
  <OtherUniqueID> StringRestricted150Type </OtherUniqueID> [0..1]
  <!-- Section 3 - Item E - 63(f) Investment Category -->
  <InvestmentCategory> InvestmentCategoryType </InvestmentCategory> [1]
  <!-- Section 3 - Item E - 63(f) Description if 'Investment Category' is 'Other' -->
  <InvestmentCategoryOther> StringRestricted256Type </InvestmentCategoryOther> [0..1]
  <!-- Section 3 - Item E - 63(g) Flag to indicate there are no repos to report (Y = None to report, N = Repos to report) -->
  <HasNoRepo> xsd:boolean </HasNoRepo> [1]
  <!-- Section 3 - Item E - 63 (g)(i) Whether the repo is "open" -->
  <RepoOpen> xsd:boolean </RepoOpen> [0..1]
  <!-- Section 3 - Item E - 63 (g)(ii - ix) Liquidity Security Repo information details. -->
  <LiquiditySecurityReposList> [0..1]
    <PFSection3ItemELiquiditySecurityRepo> PFSection3ItemELiquiditySecurityRepoType
    </PFSection3ItemELiquiditySecurityRepo> [0..*]
  </LiquiditySecurityReposList>
  <!-- Section 3 - Item E - 63(h) Flag to indicate there are no Credit Rating Agencies to report (Y = None to report, N = Agencies to report) -->
  <HasNoCreditAgency> xsd:boolean </HasNoCreditAgency> [1]
  <!-- Section 3 - Item E - 63 (h) Liquidity Security Credit Rating Agency information details -->
  <LiquiditySecurityCreditRatingAgencyList> [0..1]
    <PFSection3ItemELiquiditySecurityCreditRatingAgency> PFSection3ItemELiquiditySecurityCreditRatingAgencyType
    </PFSection3ItemELiquiditySecurityCreditRatingAgency> [0..*]
  </LiquiditySecurityCreditRatingAgencyList>
  <!-- Section 3 - Item E - 63(i) The maturity date used to calculate WAM -->
  <WAMMaturityDate> DateNAExType </WAMMaturityDate> [1]
  <!-- Section 3 - Item E - 63(j) The maturity date used to calculate WAL -->
  <WALMaturityDate> DateNAExType </WALMaturityDate> [1]
  <!-- Section 3 - Item E - 63 (k) Ultimate Legal Maturity Date -->
  <UltimateLegalMaturityDate> DateNAExType </UltimateLegalMaturityDate> [1]
  <!-- Section 3 - Item E - 63(l) Flag to indicate that the security has no demand features (Y = None to report, N = Demands to report) -->
  <HasNoDemandFeatures> xsd:boolean </HasNoDemandFeatures> [1]
  <!-- Section 3 - Item E - 63 (l) Liquidity Security Demand Features information details -->
  <DemandFeaturesSecurityList> [0..1]
    <PFSection3ItemELiquiditySecurityDemandFeatures> PFSection3ItemELiquiditySecurityDemandFeaturesType
    </PFSection3ItemELiquiditySecurityDemandFeatures> [0..*]
  </DemandFeaturesSecurityList>
  <!-- Section 3 - Item E - 63(m) Flag to indicate that the security has no guarantees (Y = None to report, N = guarantees to report) -->
  <HasNoGuarantee> xsd:boolean </HasNoGuarantee> [1]
```

```

<!-- Section 3 - Item E - 63(m) Liquidity Security Guarantee information details -->
<SecurityGuaranteeList> [0..1]
  <PFSection3ItemELiquiditySecurityGuarantee> PFSection3ItemELiquiditySecurityGuaranteeType
</PFSection3ItemELiquiditySecurityGuarantee> [0..*]
</SecurityGuaranteeList>

<!-- Section 3 - Item E - 63(n) Flag to indicate the security has no enhancements (Y = None to report, N =
enhancements to report) -->
<HasNoEnhancement> xsd:boolean </HasNoEnhancement> [1]

<!-- Section 3 - Item E - 63 (n) Liquidity Security Enhancement information details -->
<EnhancementList> [0..1]
  <PFSection3ItemELiquiditySecurityEnhancement> PFSection3ItemELiquiditySecurityEnhancementType
</PFSection3ItemELiquiditySecurityEnhancement> [0..*]
</EnhancementList>

<!-- Section 3 - Item E - 63(o) Yield -->
<SecurityYield> DecimalNAExRestricted12p2RequiredDecimalType </SecurityYield> [1]

<!-- Section 3 - Item E - 63(p)(i) Value inclusive of sponsor support -->
<SponsorSupportValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportValue> [1]

<!-- Section 3 - Item E - 63 (p)(i) Value inclusive of sponsor support amortized -->
<SponsorSupportAmortizedValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportAmortizedValue>
[0..1]

<!-- Section 3 - Item E - 63(p)(ii) Value excluding sponsor support -->
<SponsorSupportValueExcluded> PositiveDecimalNAExRestricted12p2RequiredDecimalType </SponsorSupportValueExcluded> [1]

<!-- Section 3 - Item E - 63 (p)(ii) Value excluding sponsor support amortized -->
<SponsorSupportAmortizedValueExcluded> PositiveDecimalNAExRestricted12p2RequiredDecimalType
</SponsorSupportAmortizedValueExcluded> [0..1]

<!-- Section 3 - Item E - 63(q) NAV -->
<PercentNavSecurity> UnsignedDecimalNAExRestricted7p2RequiredDecimalType </PercentNavSecurity> [1]

<!-- Section 3 - Item E - 63(r) Level 3 Asset or Liability -->
<IsSecurityAssetOrLiability> xsd:boolean </IsSecurityAssetOrLiability> [1]

<!-- Section 3 - Item E - 63(s) Daily Liquid Asset -->
<IsSecurityDailyAsset> xsd:boolean </IsSecurityDailyAsset> [1]

<!-- Section 3 - Item E - 63(t) Weekly Liquid Asset -->
<IsSecurityWeeklyAsset> xsd:boolean </IsSecurityWeeklyAsset> [1]

<!-- Section 3 - Item E - 63(u) Illiquid Security -->
<IsSecurityIlliquid> xsd:boolean </IsSecurityIlliquid> [1]

<!-- Section 3 - Item E - 63(v) Notes -->
<PortfolioOtherDescription> StringRestricted256Type </PortfolioOtherDescription> [0..1]
</...>

```

## Schema Component Representation

```

<xsd:complexType name="PFSection3ItemELiquiditySecuritiesItemType">
  <xsd:sequence>
    <xsd:element name="ReportingPeriodMonth" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xs:positiveInteger">
          <xsd:minInclusive value="1"/>
          <xsd:maxInclusive value="3"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="IssuerName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="IssuerTitle" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="CUSIP" type="StringRestricted9Type" minOccurs="0"/>
    <xsd:element name="LegalEntityID" type="LEIType" minOccurs="0"/>
    <xsd:element name="ISINNumber" type="StringRestricted12Type" minOccurs="0"/>
    <xsd:element name="CIKNumber" type="PositiveLongNAExRestricted10Type" minOccurs="0"/>
    <xsd:element name="OtherUniqueID" type="StringRestricted150Type" minOccurs="0"/>
    <xsd:element name="InvestmentCategory" type="InvestmentCategoryType" minOccurs="1"/>
    <xsd:element name="InvestmentCategoryOther" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="HasNoRepo" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="RepoOpen" type="xsd:boolean" minOccurs="0"/>
    <xsd:element name="LiquiditySecurityReposList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemELiquiditySecurityRepo" type="PFSection3ItemELiquiditySecurityRepoType"
            minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="HasNoCreditAgency" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="LiquiditySecurityCreditRatingAgencyList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemELiquiditySecurityCreditRatingAgency"

```



```

        type="PFSection3ItemELiquiditySecurityCreditRatingAgencyType" minOccurs="0" maxOccurs="unbounded"/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="WAMMaturityDate" type="DateNAExType" minOccurs="1"/>
<xsd:element name="WALMaturityDate" type="DateNAExType" minOccurs="1"/>
<xsd:element name="UltimateLegalMaturityDate" type="DateNAExType" minOccurs="1"/>
<xsd:element name="HasNoDemandFeatures" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="DemandFeaturesSecurityList" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="PFSection3ItemELiquiditySecurityDemandFeatures"
                type="PFSection3ItemELiquiditySecurityDemandFeaturesType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="HasNoGuarantee" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="SecurityGuaranteeList" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="PFSection3ItemELiquiditySecurityGuarantee"
                type="PFSection3ItemELiquiditySecurityGuaranteeType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="HasNoEnhancement" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="EnhancementList" minOccurs="0">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="PFSection3ItemELiquiditySecurityEnhancement"
                type="PFSection3ItemELiquiditySecurityEnhancementType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SecurityYield" type="DecimalNAExRestricted12p2RequiredDecimalType" minOccurs="1"/>
<xsd:element name="SponsorSupportValue" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType" minOccurs="1"/>
<xsd:element name="SponsorSupportAmortizedValue" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType"
minOccurs="0"/>
<xsd:element name="SponsorSupportValueExcluded" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType"
minOccurs="1"/>
<xsd:element name="SponsorSupportAmortizedValueExcluded"
type="PositiveDecimalNAExRestricted12p2RequiredDecimalType" minOccurs="0"/>
<xsd:element name="PercentNavSecurity" type="UnsignedDecimalNAExRestricted7p2RequiredDecimalType" minOccurs="1"/>
<xsd:element name="IsSecurityAssetOrLiability" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="IsSecurityDailyAsset" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="IsSecurityWeeklyAsset" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="IsSecurityIlliquid" type="xsd:boolean" minOccurs="1"/>
<xsd:element name="PortfolioOtherDescription" type="StringRestricted256Type" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

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Complex Type: **PFSection3ItemELiquiditySecuritiesType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecuritiesType
Abstract	no

XML Instance Representation

```
<...>
  <PFSection3ItemELiquiditySecuritiesItem> PFSection3ItemELiquiditySecuritiesItemType
</PFSection3ItemELiquiditySecuritiesItem> [1..*]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecuritiesType">
  <xsd:sequence>
    <xsd:element name="PFSection3ItemELiquiditySecuritiesItem" type="PFSection3ItemELiquiditySecuritiesItemType"
      maxOccurs="unbounded" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemELiquiditySecurityCreditRatingAgencyType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityCreditRatingAgencyType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63(h) Liquidity Security Credit Rating Agency Name and Rating information.

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(h) Credit Agency Name -->
  <CreditRatingAgencyName> StringRestricted150Type </CreditRatingAgencyName> [1]
  <!-- Section 3 - Item E - 63(h) Credit Agency Rating -->
  <CreditAgencyRating> StringRestricted20Type </CreditAgencyRating> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityCreditRatingAgencyType">
  <xsd:sequence>
    <xsd:element name="CreditRatingAgencyName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="CreditAgencyRating" type="StringRestricted20Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 (I) (ii) Liquidity Security Demand Credit Agency Name and Rating information

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63 (1)(ii) Demand Credit Agency Name -->
  <DemandCreditRatingAgencyName> StringRestricted150Type </DemandCreditRatingAgencyName> [1]
  <!-- Section 3 - Item E - 63(1)(ii) Demand Credit Agency Rating -->
  <DemandCreditRating> StringRestricted20Type </DemandCreditRating> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType">
  <xsd:sequence>
    <xsd:element name="DemandCreditRatingAgencyName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="DemandCreditRating" type="StringRestricted20Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemELiquiditySecurityDemandFeaturesType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityDemandFeaturesType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 (I) (i - v) Liquidity Security Demand Features information details

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(1)(i) Identity of the demand feature issuer -->
  <DemandIssuer> StringRestricted150Type </DemandIssuer> [1]
  <!-- Section 3 - Item E - 63(1) (ii) Flag to indicate there are no demand credit agencies to report (Y = None to report, N = demand credit agencies to report) -->
  <HasNoCreditAgency> xsd:boolean </HasNoCreditAgency> [1]
  <!-- Section 3 - Item E - Q63 (1) (ii) Liquidity Security Demand Credit Agency information details -->
  <DemandCreditAgencyNameAndRatingList> [0..1]
    <PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRating>
      PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType
    </PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRating> [0..*]
  </DemandCreditAgencyNameAndRatingList>
  <!-- Section 3 - Item E - 63(1) (iii) Demand Period -->
  <DemandPeriod> UnsignedDecimalNAExRestricted15Type </DemandPeriod> [1]
  <!-- Section 3 - Item E - 63(1) (iv) Demand Fractional Support -->
  <DemandSupport> UnsignedDecimalNAExRestricted4Type </DemandSupport> [1]
  <!-- Section 3 - Item E - 63(1) (v) Demand Conditional -->
  <IsDemandConditional> xsd:boolean </IsDemandConditional> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityDemandFeaturesType">
  <xsd:sequence>
    <xsd:element name="DemandIssuer" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="HasNoCreditAgency" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="DemandCreditAgencyNameAndRatingList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRating"
            type="PFSection3ItemELiquiditySecurityDemandCreditAgencyNameAndRatingType" minOccurs="0"
            maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="DemandPeriod" type="UnsignedDecimalNAExRestricted15Type" minOccurs="1"/>
    <xsd:element name="DemandSupport" type="UnsignedDecimalNAExRestricted4Type" minOccurs="1"/>
    <xsd:element name="IsDemandConditional" type="xsd:boolean" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemELiquiditySecurityEnhancementType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityEnhancementType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 n (i - iv) Liquidity Security Enhancement information details

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(n) (i) Identity of the enhancement provider -->
  <EnhancementIdentity> StringRestricted150Type </EnhancementIdentity> [1]
  <!-- Section 3 - Item E - 63(n) (ii) The type of enhancement -->
  <EnhancementType> StringRestricted150Type </EnhancementType> [1]
  <!-- Section 3 - Item E - 63(n) (iii) Flag indicating that the Security Enhancement has no Enhancement Credit Agencies (Y = None to report, N = Credit Agencies to report) -->
  <HasNoEnhancementCreditAgency> xsd:boolean </HasNoEnhancementCreditAgency> [1]
  <!-- Section 3 - Item E - 63 (n) Enhancement Credit Agency information details -->
  <EnhancementCreditAgencyNameAndRatingList> [0..1]
    <PFSection3ItemEEenhancementCreditAgencyNameAndRating> PFSection3ItemEEenhancementCreditAgencyNameAndRatingType
    </PFSection3ItemEEenhancementCreditAgencyNameAndRating> [0..*]
  </EnhancementCreditAgencyNameAndRatingList>
  <!-- Section 3 - Item E - 63(n) (iv) Enhancement Fractional Support -->
  <EnhancementSupport> UnsignedDecimalNAExRestricted4Type </EnhancementSupport> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityEnhancementType">
  <xsd:sequence>
    <xsd:element name="EnhancementIdentity" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="EnhancementType" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="HasNoEnhancementCreditAgency" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="EnhancementCreditAgencyNameAndRatingList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemEEenhancementCreditAgencyNameAndRating"
            type="PFSection3ItemEEenhancementCreditAgencyNameAndRatingType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="EnhancementSupport" type="UnsignedDecimalNAExRestricted4Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemELiquiditySecurityGuaranteeType**

Super-types:	None
Sub-types:	None
Name	PFSection3ItemELiquiditySecurityGuaranteeType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63m(i-iii) Liquidity Security Guarantee information details

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - 63(m) (i) Identity of Guarantor -->
  <GuaranteeName> StringRestricted150Type </GuaranteeName> [1]
  <!-- Section 3 - Item D - 63(m) (ii) Flag to indicate the Guarantor has no Credit Agencies (Y = None to report, N = Demands to report) -->
  <HasNoGuaranteeCreditAgency> xsd:boolean </HasNoGuaranteeCreditAgency> [1]
  <!-- Section 3 - Item E - 63 (m) (ii) Guarantee Credit Agency information details -->
  <GuaranteeCreditAgencyNameAndRatingList> [0..1]
    <PFSection3ItemEGuaranteeCreditAgencyNameAndRating> PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType
    </PFSection3ItemEGuaranteeCreditAgencyNameAndRating> [0..*]
  </GuaranteeCreditAgencyNameAndRatingList>
  <!-- Section 3 - Item D - 63(m) (iii) Guarantee Fractional Support Amount -->
  <GuaranteeFractionalSupport> UnsignedDecimalNAExRestricted4Type </GuaranteeFractionalSupport> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityGuaranteeType">
  <xsd:sequence>
    <xsd:element name="GuaranteeName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="HasNoGuaranteeCreditAgency" type="xsd:boolean" minOccurs="1"/>
    <xsd:element name="GuaranteeCreditAgencyNameAndRatingList" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection3ItemEGuaranteeCreditAgencyNameAndRating"
            type="PFSection3ItemEGuaranteeCreditAgencyNameAndRatingType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GuaranteeFractionalSupport" type="UnsignedDecimalNAExRestricted4Type" minOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemELiquiditySecurityInfoType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityInfoType
Abstract	no

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]

  <!-- Section 3 - Item E - 63 Flag to indicate there are no securities to report (Y = None to report, N = securities
to report) -->
  <HasNoSecurities> xsd:boolean </HasNoSecurities> [1]
  <PFSection3ItemELiquiditySecuritiesList> PFSection3ItemELiquiditySecuritiesType
  </PFSection3ItemELiquiditySecuritiesList> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType" />
    <xsd:element name="HasNoSecurities" type="xsd:boolean" minOccurs="1" />
    <xsd:element name="PFSection3ItemELiquiditySecuritiesList" type="PFSection3ItemELiquiditySecuritiesType"
      minOccurs="0" maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemELiquiditySecurityRepoType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemELiquiditySecurityRepoType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item E - Q63 (g) (ii - ix) Liquidity Security Repo information details

XML Instance Representation

```
<...>
  <!-- Section 3 - Item E - Q63(g) (ii) Name of the collateral issuer -->
  <IssuerName> StringRestricted150Type </IssuerName> [1]
  <!-- Section 3 - Item E - Q63(g) (iii) CUSIP -->
  <CUSIP> StringRestricted9Type </CUSIP> [0..1]
  <!-- Section 3 - Item E - Q63(g) (iv) LEI, if available -->
  <LEI> LEIType </LEI> [0..1]
  <!-- Section 3 - Item E - Q63(g) (v) Maturity Date -->
  <MaturityDate> DateNAExType </MaturityDate> [0..1]
  <!-- Section 3 - Item E - Q63(g) (v) If the Maturity Date is a date range, this element contains the start date -->
  <MaturityDateStart> DateNAExType </MaturityDateStart> [0..1]
  <!-- Section 3 - Item E - Q63(g) (v) If the Maturity Date is a date range, this element contains the end date -->
  <MaturityDateEnd> DateNAExType </MaturityDateEnd> [0..1]
  <!-- Section 3 - Item E - Q63(g) (vi) Coupon or yield -->
  <Coupon> StringRestricted25Type </Coupon> [1]
  <!-- Section 3 - Item E - Q63(g) (vii) Principal Amount -->
  <PrincipalAmount> PositiveDecimalNAExRestricted12p2RequiredDecimalType </PrincipalAmount> [1]
  <!-- Section 3 - Item E - Q63(g) (viii) Value of the collateral -->
  <CollateralValue> PositiveDecimalNAExRestricted12p2RequiredDecimalType </CollateralValue> [1]
  <!-- Section 3 - Item E - Q63(g) (ix) Repo Category -->
  <Category> RepoCategoryType </Category> [1]
  <!-- Section 3 - Item E - Q63(g) (ix) Description when the repo category is 'Other'. -->
  <CategoryOtherDesc> StringRestricted256Type </CategoryOtherDesc> [0..1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemELiquiditySecurityRepoType">
  <xsd:sequence>
    <xsd:element name="IssuerName" type="StringRestricted150Type" minOccurs="1"/>
    <xsd:element name="CUSIP" type="StringRestricted9Type" minOccurs="0"/>
    <xsd:element name="LEI" type="LEIType" minOccurs="0"/>
    <xsd:element name="MaturityDate" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="MaturityDateStart" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="MaturityDateEnd" type="DateNAExType" minOccurs="0"/>
    <xsd:element name="Coupon" type="StringRestricted25Type" minOccurs="1"/>
    <xsd:element name="PrincipalAmount" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType" minOccurs="1"/>
    <xsd:element name="CollateralValue" type="PositiveDecimalNAExRestricted12p2RequiredDecimalType" minOccurs="1"/>
    <xsd:element name="Category" type="RepoCategoryType" minOccurs="1"/>
    <xsd:element name="CategoryOtherDesc" type="StringRestricted256Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection3ItemFLiquidityParallelMoneyMarketInfoType**

Super-types:	None
Sub-types:	None

Name	PFSection3ItemFLiquidityParallelMoneyMarketInfoType
Abstract	no
Documentation	Elements of this type represent Section 3 - Item F - Parallel Money Market Funds.

XML Instance Representation

```
<...>
  <FundID> FundIDType </FundID> [1]
  <!-- Q64 - MMF Series Number -->
  <MMFSeriesNumber> xs:string (pattern = ([Ss][0-9]{9})|(NA)) </MMFSeriesNumber> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection3ItemFLiquidityParallelMoneyMarketInfoType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="MMFSeriesNumber" minOccurs="1">
      <xsd:simpleType>
        <xsd:restriction base="xs:string">
          <xsd:pattern value="([Ss][0-9]{9})|(NA)"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection4ItemBPrivateEquityFinancingFinancialCompanyType**

Super-types:	None
Sub-types:	None
Name	PFSection4ItemBPrivateEquityFinancingFinancialCompanyType
Abstract	no
Documentation	Elements of this type represent Q76(b) For each of the reporting fund's controlled portfolio companies that constitutes a financial industry portfolio company, provide the following information.

XML Instance Representation

<...>  
  
<!-- Q76(b) Legal Name -->  
<LegalName> StringRestricted256Type </LegalName> [1]  
  
<!-- Q76(b) Address - Number and Street 1 -->  
<Street1Name> StringRestricted50Type </Street1Name> [1]  
  
<!-- Q76(b) Address - Number and Street 2 -->  
<Street2Name> StringRestricted50Type </Street2Name> [0..1]  
  
<!-- Q76(b) Address - City -->  
<CityName> StringRestricted50Type </CityName> [1]  
  
<!-- Q76(b) Address - State -->  
<StateCode> StateCodeType </StateCode> [0..1]  
  
<!-- Q76(b) Address - Country -->  
<CountryCode> CountryCodeType </CountryCode> [1]  
  
<!-- Q76(b) Address - Zip -->  
<PostalCode> StringRestricted11Type </PostalCode> [0..1]  
  
<!-- Q76(b) NAICS code -->  
<NAICSCode> NAICSCodeType </NAICSCode> [1]  
  
<!-- Q76(b) LEI -->  
<LEI> LEIType </LEI> [0..1]  
  
<!-- Q76(b) Debt-to-equity ratio of portfolio company -->  
<PortfolioCompanyDebtEquityRatio> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatio> [1]  
  
<!-- Q76(b) Gross asset value of portfolio company -->  
<PortfolioCompanyGrossAssetValue> LongRestricted15Type </PortfolioCompanyGrossAssetValue> [1]  
  
<!-- Q76(b) % of reporting fund's gross assets invested in this portfolio company -->  
<PortfolioCompanyGrossAssetValueInvestedPercent> PercentType </PortfolioCompanyGrossAssetValueInvestedPercent> [1]  
  
<!-- Q76(b) % of portfolio company beneficially owned by the reporting fund -->  
<PortfolioCompanyBeneficiallyOwned> PercentType </PortfolioCompanyBeneficiallyOwned> [1]  
  
</...>

Schema Component Representation

<xsd:complexType name="PFSection4ItemBPrivateEquityFinancingFinancialCompanyType">  
 <xsd:sequence>  
 <xsd:element name="LegalName" type="StringRestricted256Type"/>  
 <xsd:element name="Street1Name" type="StringRestricted50Type"/>  
 <xsd:element name="Street2Name" type="StringRestricted50Type" minOccurs="0"/>  
 <xsd:element name="CityName" type="StringRestricted50Type"/>  
 <xsd:element name="StateCode" type="StateCodeType" minOccurs="0"/>  
 <xsd:element name="CountryCode" type="CountryCodeType"/>  
 <xsd:element name="PostalCode" type="StringRestricted11Type" minOccurs="0"/>  
 <xsd:element name="NAICSCode" type="NAICSCodeType"/>  
 <xsd:element name="LEI" type="LEIType" minOccurs="0"/>  
 <xsd:element name="PortfolioCompanyDebtEquityRatio" type="DecimalRestricted15p1Type"/>  
 <xsd:element name="PortfolioCompanyGrossAssetValue" type="LongRestricted15Type"/>  
 <xsd:element name="PortfolioCompanyGrossAssetValueInvestedPercent" type="PercentType"/>  
 <xsd:element name="PortfolioCompanyBeneficiallyOwned" type="PercentType"/>  
 </xsd:sequence>  
</xsd:complexType>

Complex Type: **PFSection4ItemBPrivateEquityFinancingLoanType**

Super-types:	None
Sub-types:	None

Name	PFSection4ItemBPrivateEquityFinancingLoanType
Abstract	no
Documentation	Elements of this type represent Q75(b) Identify each person that has provided all or part of any bridge loan or commitment to the relevant controlled portfolio company. For each such person, provide the applicable outstanding amount or commitment amount.

XML Instance Representation

```
<...>
  <!-- Q75(b) Creditor/Counterparty Name -->
  <PersonCode> CreditorCounterpartyType </PersonCode> [1]
  <!-- Q75(b) Other -->
  <PersonOtherName> StringRestricted256Type </PersonOtherName> [0..1]
  <!-- Q75(b) Outstanding amount of financing -->
  <DrawnAmount> LongRestricted15Type </DrawnAmount> [1]
  <!-- Q75(b) Amount of commitment -->
  <UndrawnAmount> LongRestricted15Type </UndrawnAmount> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemBPrivateEquityFinancingLoanType">
  <xsd:sequence>
    <xsd:element name="PersonCode" type="CreditorCounterpartyType"/>
    <xsd:element name="PersonOtherName" type="StringRestricted256Type" minOccurs="0"/>
    <xsd:element name="DrawnAmount" type="LongRestricted15Type"/>
    <xsd:element name="UndrawnAmount" type="LongRestricted15Type"/>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PFSection4ItemBPrivateEquityFinancingType**

Super-types:	None
Sub-types:	None

Name	PFSection4ItemBPrivateEquityFinancingType
Abstract	no
Documentation	Elements of this type represent Section 4 - Item B.

XML Instance Representation

```
<...>
  <!-- Private (or Other) fund identification number of the reporting fund included in Section 4 -->
  <FundID> FundIDType </FundID> [1]

  <!-- Q66(a) Do you or any of your related persons guarantee, or are otherwise obligated to satisfy, the obligations
  of any portfolio company in which the reporting fund invests? -->
  <IsObligatedToPortfolioCompany> xsd:boolean </IsObligatedToPortfolioCompany> [1]

  <!-- Q66(b) Total outstanding balance of loan or other borrowing facilities as a dollar value -->
  <ObligatedTotalValue> PositiveLongRestricted15Type </ObligatedTotalValue> [0..1]

  <!-- Q67 The weighted average debt-to-equity ratio of the controlled portfolio companies in which the reporting fund
  invests -->
  <PortfolioCompanyDebtEquityRatioAverage> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioAverage> [1]

  <!-- Q68 The highest debt-to-equity ratio of any controlled portfolio company in which the reporting fund invests -->
  <PortfolioCompanyDebtEquityRatioHighest> PositiveDecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioHighest>
  [1]

  <!-- Q69 The lowest debt-to-equity ratio of the controlled portfolio company in which the reporting fund invests -->
  <PortfolioCompanyDebtEquityRatioLowest> DecimalRestricted15p1Type </PortfolioCompanyDebtEquityRatioLowest> [1]

  <!-- Q70 The aggregate gross asset value of the reporting fund's controlled portfolio companies -->
  <PortfolioCompanyAggregateGrossAssetValue> LongRestricted15Type </PortfolioCompanyAggregateGrossAssetValue> [1]

  <!-- Q71 Aggregate principal amount of borrowings categorized as current liabilities on the most recent balance
  sheets of the reporting fund's controlled portfolio companies -->
  <PortfolioCompanyAggregateBorrowingsCurrent> UnsignedLongRestricted15Type
  </PortfolioCompanyAggregateBorrowingsCurrent> [1]

  <!-- Q72 Aggregate principal amount of borrowings categorized as long-term liabilities on the most recent balance
  sheets of the reporting fund's controlled portfolio companies -->
  <PortfolioCompanyAggregateBorrowingsLongTerm> UnsignedLongRestricted15Type
  </PortfolioCompanyAggregateBorrowingsLongTerm> [1]

  <!-- Q73 Percentage of the aggregate borrowings of the reporting fund's controlled portfolio companies is payment-in-
  kind (PIK) or zero-coupon debt -->
  <PortfolioCompanyAggregateBorrowingsPIKPercent> PercentType </PortfolioCompanyAggregateBorrowingsPIKPercent> [1]

  <!-- Q74 Did the reporting fund or any of its controlled portfolio companies experience a default under any of its
  indentures, loan agreements or other instruments evidencing obligations for borrowed money -->
  <PortfolioCompanyDefaultFlag> xsd:boolean </PortfolioCompanyDefaultFlag> [1]

  <!-- Q75(a) Does any controlled portfolio company of the reporting fund have in place one or more bridge loans or
  commitments (subject to customary conditions) for a bridge loan -->
  <PortfolioCompanyHasBridgeLoans> xsd:boolean </PortfolioCompanyHasBridgeLoans> [1]

  <!-- Q75(b) Identify each person that has provided all or part of any bridge loan or commitment to the relevant
  controlled portfolio company. For each such person, provide the applicable outstanding amount or commitment amount --
  >
  <FinancingLoans> [0..1]
    <PFSection4ItemBPrivateEquityFinancingLoan> PFSection4ItemBPrivateEquityFinancingLoanType
    </PFSection4ItemBPrivateEquityFinancingLoan> [0..*]
  </FinancingLoans>

  <!-- Q76(a) Is any of the reporting fund's controlled portfolio companies a financial industry portfolio company? -->
  <PortfolioCompanyFinancialIndustryFlag> xsd:boolean </PortfolioCompanyFinancialIndustryFlag> [1]

  <!-- Q76(b) For each of the reporting fund's controlled portfolio companies that constitutes a financial industry
  portfolio company, provide the following information -->
  <FinancingCompanies> [0..1]
    <PFSection4ItemBPrivateEquityFinancingFinancialCompany> PFSection4ItemBPrivateEquityFinancingFinancialCompanyType
    </PFSection4ItemBPrivateEquityFinancingFinancialCompany> [0..*]
  </FinancingCompanies>

  <!-- Q77 % of reporting fund's total portfolio company investments -->
  <InvestmentIndustries> [1]
    <PFSection4ItemBPrivateEquityInvestmentIndustry> PFSection4ItemBPrivateEquityInvestmentIndustryType
    </PFSection4ItemBPrivateEquityInvestmentIndustry> [1..*]
  </InvestmentIndustries>

  <!-- Q78(a)i - Region - Africa -->
  <PercentNAVInAfrica> PercentType </PercentNAVInAfrica> [1]
```

```

<!-- Q78(a)(ii) - Region -Asia and Pacific -->
<PercentNAVInAsiaPacific> PercentType </PercentNAVInAsiaPacific> [1]

<!-- Q78(a)(iii) - Europe (EEA) -->
<PercentNAVInEuropeEEA> PercentType </PercentNAVInEuropeEEA> [1]

<!-- Q78(a)(iv) - Europe (other than EEA) -->
<PercentNAVInEuropeNonEEA> PercentType </PercentNAVInEuropeNonEEA> [1]

<!-- Q78(a)(v) - Region -Middle East -->
<PercentNAVInMiddleEast> PercentType </PercentNAVInMiddleEast> [1]

<!-- Q78(a)(vi) - Region -North America -->
<PercentNAVInNorthAmerica> PercentType </PercentNAVInNorthAmerica> [1]

<!-- Q78(a)(vii) - Region - South America -->
<PercentNAVInSouthAmerica> PercentType </PercentNAVInSouthAmerica> [1]

<!-- Q78 (a)(viii) - Region -Supranational -->
<PercentNAVInSupranational> PercentType </PercentNAVInSupranational> [1]

<!-- Q78(b)(i) - Country - Brazil -->
<PercentNAVInBrazil> PercentType </PercentNAVInBrazil> [1]

<!-- Q78(b)(ii) - Country - China -->
<PercentNAVInChina> PercentType </PercentNAVInChina> [1]

<!-- Q78(b)(iii) - Country - India -->
<PercentNAVInIndia> PercentType </PercentNAVInIndia> [1]

<!-- Q78(b)(iv) - Country - Japan -->
<PercentNAVInJapan> PercentType </PercentNAVInJapan> [1]

<!-- Q78(b)(v) - Country - Russia -->
<PercentNAVInRussia> PercentType </PercentNAVInRussia> [1]

<!-- Q78(b)(vi) - Country - United States -->
<PercentNAVInUS> PercentType </PercentNAVInUS> [1]

<!-- Q79 Aggregate dollar amount of investments -->
<PortfolioCompanyInvestedAmount> LongRestricted15Type </PortfolioCompanyInvestedAmount> [0..1]

</...>

```

```

<xsd:complexType name="PFSection4ItemBPrivateEquityFinancingType">
  <xsd:sequence>
    <xsd:element name="FundID" type="FundIDType"/>
    <xsd:element name="IsObligatedToPortfolioCompany" type="xsd:boolean"/>
    <xsd:element name="ObligatedTotalValue" type="PositiveLongRestricted15Type" minOccurs="0"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioAverage" type="DecimalRestricted15p1Type"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioHighest" type="PositiveDecimalRestricted15p1Type"/>
    <xsd:element name="PortfolioCompanyDebtEquityRatioLowest" type="DecimalRestricted15p1Type"/>
    <xsd:element name="PortfolioCompanyAggregateGrossAssetValue" type="LongRestricted15Type"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsCurrent" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsLongTerm" type="UnsignedLongRestricted15Type"/>
    <xsd:element name="PortfolioCompanyAggregateBorrowingsPIKPercent" type="PercentType"/>
    <xsd:element name="PortfolioCompanyDefaultFlag" type="xsd:boolean"/>
    <xsd:element name="PortfolioCompanyHasBridgeLoans" type="xsd:boolean"/>
    <xsd:element name="FinancingLoans" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection4ItemBPrivateEquityFinancingLoan"
            type="PFSection4ItemBPrivateEquityFinancingLoanType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="PortfolioCompanyFinancialIndustryFlag" type="xsd:boolean"/>
    <xsd:element name="FinancingCompanies" minOccurs="0">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection4ItemBPrivateEquityFinancingFinancialCompany"
            type="PFSection4ItemBPrivateEquityFinancingFinancialCompanyType" minOccurs="0" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="InvestmentIndustries">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="PFSection4ItemBPrivateEquityInvestmentIndustry"
            type="PFSection4ItemBPrivateEquityInvestmentIndustryType" maxOccurs="unbounded"/>
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="PercentNAVInAfrica" type="PercentType"/>
    <xsd:element name="PercentNAVInAsiaPacific" type="PercentType"/>
    <xsd:element name="PercentNAVInEuropeEEA" type="PercentType"/>
    <xsd:element name="PercentNAVInEuropeNonEEA" type="PercentType"/>
    <xsd:element name="PercentNAVInMiddleEast" type="PercentType"/>
    <xsd:element name="PercentNAVInNorthAmerica" type="PercentType"/>
    <xsd:element name="PercentNAVInSouthAmerica" type="PercentType"/>
    <xsd:element name="PercentNAVInSupranational" type="PercentType"/>
    <xsd:element name="PercentNAVInBrazil" type="PercentType"/>
    <xsd:element name="PercentNAVInChina" type="PercentType"/>
    <xsd:element name="PercentNAVInIndia" type="PercentType"/>
    <xsd:element name="PercentNAVInJapan" type="PercentType"/>
    <xsd:element name="PercentNAVInRussia" type="PercentType"/>
    <xsd:element name="PercentNAVInUS" type="PercentType"/>
    <xsd:element name="PortfolioCompanyInvestedAmount" type="LongRestricted15Type" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

```

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Complex Type: **PFSection4ItemBPrivateEquityInvestmentIndustryType**

Super-types:	None
Sub-types:	None

Name	PFSection4ItemBPrivateEquityInvestmentIndustryType
Abstract	no
Documentation	Elements of this type represent the Q77 Reporting fund's investments in portfolio companies by industry, based on the NAICS codes of the companies.

XML Instance Representation

```
<...>
  <!-- Q77 NAICS Code -->
  <NAICSCode> NAICSCodeType </NAICSCode> [1]
  <!-- Q77 % of reporting fund's total portfolio company investments -->
  <NAICSInvestmentPercent> PercentType </NAICSInvestmentPercent> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PFSection4ItemBPrivateEquityInvestmentIndustryType">
  <xsd:sequence>
    <xsd:element name="NAICSCode" type="NAICSCodeType" />
    <xsd:element name="NAICSInvestmentPercent" type="PercentType" />
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PositiveDecimalNAExRestricted10p2Type**

Super-types:	None
Sub-types:	None

Name	PositiveDecimalNAExRestricted10p2Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ PositiveDecimalRestricted10p2Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveDecimalNAExRestricted10p2Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PositiveDecimalRestricted10p2TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PositiveDecimalNAExRestricted12p2RequiredDecimalType

Super-types:	None
Sub-types:	None

Name	PositiveDecimalNAExRestricted12p2RequiredDecimalType
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ PositiveDecimalRestricted12p2RequiredDecimalType,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveDecimalNAExRestricted12p2RequiredDecimalType">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PositiveDecimalRestricted12p2RequiredDecimalTypeAlternateTextType"/>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PositiveDecimalNAExRestricted15p0Type**

Super-types:	None
Sub-types:	None

Name	PositiveDecimalNAExRestricted15p0Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ PositiveLongRestricted15Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveDecimalNAExRestricted15p0Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PositiveLongRestricted15TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **PositiveDecimalNAExRestricted15p2Type**

Super-types:	None
Sub-types:	None

Name	PositiveDecimalNAExRestricted15p2Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ PositiveDecimalRestricted15p2Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveDecimalNAExRestricted15p2Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PositiveDecimalRestricted15p2TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: PositiveLongNAExRestricted10Type

Super-types:	None
Sub-types:	None

Name	PositiveLongNAExRestricted10Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ PositiveLongRestricted10Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="PositiveLongNAExRestricted10Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="PositiveLongRestricted10TypeAlternateTextType"/>
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: UnsignedDecimalNAExRestricted15p2Type

Super-types:	None
Sub-types:	None

Name	UnsignedDecimalNAExRestricted15p2Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ UnsignedDecimalRestricted15p2Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="UnsignedDecimalNAExRestricted15p2Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="UnsignedDecimalRestricted15p2TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: UnsignedDecimalNAExRestricted15Type

Super-types:	None
Sub-types:	None

Name	UnsignedDecimalNAExRestricted15Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ UnsignedLongRestricted15Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="UnsignedDecimalNAExRestricted15Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="UnsignedLongRestricted15TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: **UnsignedDecimalNAExRestricted4Type**

Super-types:	None
Sub-types:	None

Name	UnsignedDecimalNAExRestricted4Type
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ UnsignedLongRestricted4Type,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="UnsignedDecimalNAExRestricted4Type">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="UnsignedLongRestricted4TypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Complex Type: UnsignedDecimalNAExRestricted7p2RequiredDecimalType

Super-types:	None
Sub-types:	None

Name	UnsignedDecimalNAExRestricted7p2RequiredDecimalType
Abstract	no

XML Instance Representation

```
<...>
  <Value> union of: [ UnsignedDecimalRestricted7p2RequiredDecimalType,AlternateTextType ] </Value> [1]
</...>
```

Schema Component Representation

```
<xsd:complexType name="UnsignedDecimalNAExRestricted7p2RequiredDecimalType">
  <xsd:sequence>
    <xsd:element name="Value">
      <xsd:simpleType>
        <xsd:union memberTypes="UnsignedDecimalRestricted7p2RequiredDecimalTypeAlternateTextType" />
      </xsd:simpleType>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

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Simple Type: **AdditionalAssetsInSidePocketCodeType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>AdditionalAssetsInSidePocketCodeType</b> (by restriction)
Sub-types:	None

Name	AdditionalAssetsInSidePocketCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'Y'   'N'   'NA'}</li></ul>
Documentation	Boolean(Y/N/NA) type codes. Allowed values (code-description) are: Y - Yes N - No NA - NA

Schema Component Representation

```
<xsd:simpleType name="AdditionalAssetsInSidePocketCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="Y"/>  
    <xsd:enumeration value="N"/>  
    <xsd:enumeration value="NA"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: AlternateTextType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>AlternateTextType</b> (by restriction)
Sub-types:	None

Name	AlternateTextType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'NA'}</li></ul>

Schema Component Representation

```
<xsd:simpleType name="AlternateTextType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="NA" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: AssetFundsFundTypeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>AssetFundsFundTypeType</b> (by restriction)
Sub-types:	None

Name	AssetFundsFundTypeType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'HEDGE'   'LIQUIDITY'   'NONPRIVATE'   'OTHER'   'PRIVATE'   'REALESTATE'   'SECUREASSET'   'VC'}</li></ul>
Documentation	Fund type codes for Q3(a)-(h). Allowed values (code-description) are: HEDGE - Hedge Fund LIQUIDITY - Liquidity Fund NONPRIVATE - Funds and accounts other than private funds OTHER - Other Private Fund PRIVATE - Private Equity Fund REALESTATE - Real Estate Fund SECUREASSET - Securitized Asset Fund VC - Venture Capital Fund

Schema Component Representation

```
<xsd:simpleType name="AssetFundsFundTypeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="HEDGE"/>
    <xsd:enumeration value="LIQUIDITY"/>
    <xsd:enumeration value="NONPRIVATE"/>
    <xsd:enumeration value="OTHER"/>
    <xsd:enumeration value="PRIVATE"/>
    <xsd:enumeration value="REALESTATE"/>
    <xsd:enumeration value="SECUREASSET"/>
    <xsd:enumeration value="VC"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: BooleanYNTYPE

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>BooleanYNTYPE</b> (by restriction)
Sub-types:	None

Name	BooleanYNTYPE
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'Y'   'N'}</li></ul>
Documentation	Boolean(Y/N) type codes. Allowed values (code-description) are: Y - Yes N - No

Schema Component Representation

```
<xsd:simpleType name="BooleanYNTYPE">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="Y"/>  
    <xsd:enumeration value="N"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: CalculationMethodCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CalculationMethodCodeType</b> (by restriction)
Sub-types:	None

Name	CalculationMethodCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'HIST_SIM'   'MONTE_CARLO'   'PARAM'   'OTH'}</li></ul>
Documentation	Calculation method type codes. Allowed values (code-description) are: HIST_SIM - Historical simulation MONTE_CARLO - Monte Carlo simulation PARAM - Parametric OTH - Other

Schema Component Representation

```
<xsd:simpleType name="CalculationMethodCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="HIST_SIM"/>  
    <xsd:enumeration value="MONTE_CARLO"/>  
    <xsd:enumeration value="PARAM"/>  
    <xsd:enumeration value="OTH"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: CountryCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CountryCodeType</b> (by restriction)
Sub-types:	None
Name	CountryCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'USA'   'NON'   'AFG'   'ALA'   'ALB'   'DZA'   'ASM'   'AND'   'AGO'   'AIA'   'ATA'   'ATG'   'ARG'   'ARM'   'ABW'   'AUS'   'AUT'   'AZE'   'BHS'   'BHR'   'BGD'   'BRB'   'BLR'   'BEL'   'BLZ'   'BEN'   'BMU'   'BTN'   'BOL'   'BES'   'BIH'   'BWA'   'BVT'   'BRA'   'IOT'   'VGB'   'BRN'   'BGR'   'BFA'   'MMR'   'BDI'   'KHM'   'CMR'   'CAN'   'CPV'   'CYM'   'CAF'   'TCD'   'CHL'   'CHN'   'CXR'   'CCK'   'COL'   'COM'   'COD'   'COG'   'COK'   'CRI'   'CIV'   'HRV'   'CUB'   'CUW'   'CYP'   'CZE'   'DNK'   'DJI'   'DMA'   'DOM'   'ECU'   'EGY'   'SLV'   'GNQ'   'ERI'   'EST'   'ETH'   'FLK'   'FRO'   'FJI'   'FIN'   'FRA'   'GUF'   'PYF'   'ATF'   'GAB'   'GMB'   'GEO'   'DEU'   'GHA'   'GIB'   'GRC'   'GRL'   'GRD'   'GLP'   'GUM'   'GTM'   'GGY'   'GIN'   'GNB'   'GUY'   'HTI'   'HMD'   'VAT'   'HND'   'HKG'   'HUN'   'ISL'   'IND'   'IDN'   'IRN'   'IRQ'   'IRL'   'IMN'   'ISR'   'ITA'   'JAM'   'JPN'   'JEY'   'JOR'   'KAZ'   'KEN'   'KIR'   'PRK'   'KOR'   'KWT'   'KGZ'   'LAO'   'LVA'   'LBN'   'LSO'   'LBR'   'LBY'   'LIE'   'LTU'   'LUX'   'MAC'   'MKD'   'MDG'   'MWI'   'MYS'   'MDV'   'MLI'   'MLT'   'MHL'   'MTQ'   'MRT'   'MUS'   'MYT'   'MEX'   'FSM'   'MDA'   'MCO'   'MNG'   'MNE'   'MSR'   'MAR'   'MOZ'   'NAM'   'NRU'   'NPL'   'NLD'   'NCL'   'NZL'   'NIC'   'NER'   'NGA'   'NIU'   'NFK'   'MNP'   'NOR'   'OMN'   'PAK'   'PLW'   'PSE'   'PAN'   'PNG'   'PRY'   'PER'   'PHL'   'PCN'   'POL'   'PRT'   'QAT'   'REU'   'ROU'   'RUS'   'RWA'   'BLM'   'SHN'   'KNA'   'LCA'   'MAF'   'SPM'   'VCT'   'WSM'   'SMR'   'STP'   'SAU'   'SEN'   'SRB'   'SYC'   'SLE'   'SGP'   'SXM'   'SVK'   'SVN'   'SLB'   'SOM'   'ZAF'   'SGS'   'SSD'   'ESP'   'LKA'   'SDN'   'SUR'   'SJM'   'SWZ'   'SWE'   'CHE'   'SYR'   'TWN'   'TJK'   'TZA'   'THA'   'TLS'   'TGO'   'TKL'   'TON'   'TTO'   'TUN'   'TUR'   'TKM'   'TCA'   'TUV'   'UGA'   'UKR'   'ARE'   'GBR'   'UMI'   'URY'   'UZB'   'VUT'   'VEN'   'VNM'   'WLF'   'ESH'   'YEM'   'ZMB'   'ZWE'}</li><li>length &lt;= 3</li></ul>
Documentation	<p>Elements of this type represent the allowed Current Country Codes.</p> <p>Allowed values (Country code-Country Name) are:</p> <p>USA - United States</p> <p>NON - Other</p> <p>AFG - Afghanistan</p> <p>ALA - Aland Islands</p> <p>ALB - Albania</p> <p>DZA - Algeria</p> <p>ASM - American Samoa</p> <p>AND - Andorra</p> <p>AGO - Angola</p> <p>AIA - Anguilla</p> <p>ATA - Antarctica</p> <p>ATG - Antigua and Barbuda</p> <p>ARG - Argentina</p> <p>ARM - Armenia</p> <p>ABW - Aruba</p> <p>AUS - Australia</p> <p>AUT - Austria</p> <p>AZE - Azerbaijan</p> <p>BHS - Bahamas, The</p> <p>BHR - Bahrain</p> <p>BGD - Bangladesh</p> <p>BRB - Barbados</p> <p>BLR - Belarus</p> <p>BEL - Belgium</p> <p>BLZ - Belize</p> <p>BEN - Benin</p> <p>BMU - Bermuda</p> <p>BTN - Bhutan</p> <p>BOL - Bolivia</p> <p>BES - Bonaire, Sint Eustatius and Saba</p> <p>BIH - Bosnia and Herzegovina</p> <p>BWA - Botswana</p> <p>BVT - Bouvet Island</p> <p>BRA - Brazil</p> <p>IOT - British Indian Ocean Territory (The)</p> <p>VGB - British Virgin Islands</p> <p>BRN - Brunei</p> <p>BGR - Bulgaria</p> <p>BFA - Burkina Faso</p> <p>MMR - Burma (Myanmar)</p> <p>BDI - Burundi</p> <p>KHM - Cambodia</p> <p>CMR - Cameroon</p> <p>CAN - Canada</p>

CPV - Cape Verde Islands  
CYM - Cayman Islands  
CAF - Central African Republic  
TCD - Chad  
CHL - Chile  
CHN - China  
CXR - Christmas Island  
CCK - Cocos (Keeling) Islands  
COL - Colombia  
COM - Comoros  
COD - Congo (Democratic Republic or Zaire)  
COG - Congo, Republic of  
COK - Cook Islands  
CRI - Costa Rica  
CIV - Cote de Ivoire (Ivory Coast)  
HRV - Croatia  
CUB - Cuba  
CUW - Curacao  
CYP - Cyprus  
CZE - Czech Republic  
DNK - Denmark  
DJI - Djibouti  
DMA - Dominica  
DOM - Dominican Republic  
ECU - Ecuador  
EGY - Egypt (United Arab Republic)  
SLV - El Salvador  
GNQ - Equatorial Guinea  
ERI - Eritrea  
EST - Estonia  
ETH - Ethiopia  
FLK - Falkland Islands (Islas Malvinas)  
FRO - Faroe Islands  
FJI - Fiji Islands  
FIN - Finland  
FRA - France  
GUF - French Guiana  
PYF - French Polynesia  
ATF - French Southern Territories (The)  
GAB - Gabon  
GMB - Gambia  
GEO - Georgia/Gruzinskaya  
DEU - Germany  
GHA - Ghana  
GIB - Gibraltar  
GRC - Greece  
GRL - Greenland  
GRD - Grenada  
GLP - Guadeloupe  
GUM - Guam  
GTM - Guatemala  
GGY - Guernsey  
GIN - Guinea  
GNB - Guinea Bissau  
GUY - Guyana  
HTI - Haiti  
HMD - Heard Island and McDonald Islands  
VAT - Holy See (The) [Vatican City State]  
HND - Honduras  
HKG - Hong kong  
HUN - Hungary  
ISL - Iceland  
IND - India  
IDN - Indonesia  
IRN - Iran  
IRQ - Iraq  
IRL - Ireland  
IMN - Isle of Man  
ISR - Israel  
ITA - Italy  
JAM - Jamaica  
JPN - Japan  
JEY - Jersey  
JOR - Jordan  
KAZ - Kazakhstan  
KEN - Kenya  
KIR - Kiribati  
PRK - Korea, North  
KOR - Korea, South  
KWT - Kuwait



KGZ - Kyrgyzstan  
LAO - Laos  
LVA - Latvia  
LBN - Lebanon  
LSO - Lesotho  
LBR - Liberia  
LBY - Libya  
LIE - Liechtenstein  
LTU - Lithuania  
LUX - Luxembourg  
MAC - Macau  
MKD - Macedonia  
MDG - Madagascar  
MWI - Malawi  
MYS - Malaysia  
MDV - Maldives  
MLI - Mali  
MLT - Malta  
MHL - Marshall Islands  
MTQ - Martinique  
MRT - Mauritania  
MUS - Mauritius  
MYT - Mayotte  
MEX - Mexico  
FSM - Micronesia, Federated States of  
MDA - Moldova  
MCO - Monaco  
MNG - Mongolia  
MNE - Montenegro  
MSR - Montserrat  
MAR - Morocco  
MOZ - Mozambique  
NAM - Namibia  
NRU - Nauru  
NPL - Nepal  
NLD - Netherlands  
NCL - New Caledonia  
NZL - New Zealand  
NIC - Nicaragua  
NER - Niger  
NGA - Nigeria  
NIU - Niue  
NFK - Norfolk Island  
MNP - Northern Mariana Islands  
NOR - Norway  
OMN - Oman  
PAK - Pakistan  
PLW - Palau  
PSE - Palestine, State of  
PAN - Panama  
PNG - Papua New Guinea  
PRY - Paraguay  
PER - Peru  
PHL - Philippines  
PCN - Pitcairn Islands (Ducie, Henderson, Oeno)  
POL - Poland  
PRT - Portugal  
QAT - Qatar  
REU - Reunion  
ROU - Romania  
RUS - Russia  
RWA - Rwanda  
BLM - Saint Barthelemy  
SHN - Saint Helena  
KNA - Saint Kitts and Nevis  
LCA - Saint Lucia  
MAF - Saint Martin (French part)  
SPM - Saint Pierre and Miquelon  
VCT - Saint Vincent and The Grenadines  
WSM - Samoa  
SMR - San Marino  
STP - Sao Tome and Principe  
SAU - Saudi Arabia  
SEN - Senegal  
SRB - Serbia  
SYC - Seychelles  
SLE - Sierra Leone  
SGP - Singapore  
SXM - Sint Maarten (Dutch part)  
SVK - Slovakia

SVN - Slovenia  
SLB - Solomon Islands  
SOM - Somalia  
ZAF - South Africa  
SGS - South Georgia/South Sandwich Islands  
SSD - South Sudan  
ESP - Spain  
LKA - Sri Lanka  
SDN - Sudan  
SUR - Surinam  
SJM - Svalbard  
SWZ - Swaziland  
SWE - Sweden  
CHE - Switzerland  
SYR - Syria  
TWN - Taiwan, Republic of China  
TJK - Tajikistan  
TZA - Tanzania  
THA - Thailand  
TLS - Timor-Leste  
TGO - Togo  
TKL - Tokelau  
TON - Tonga  
TTO - Trinidad and Tobago  
TUN - Tunisia  
TUR - Turkey  
TKM - Turkmenistan  
TCA - Turks and Caicos Islands  
TUV - Tuvalu  
UGA - Uganda  
UKR - Ukraine  
ARE - United Arab Emirates  
GBR - United Kingdom  
UMI - United States Minor Outlying Islands (The)  
URY - Uruguay  
UZB - Uzbekistan  
VUT - Vanuatu  
VEN - Venezuela  
VNM - Vietnam  
WLF - Wallis and Futuna  
ESH - Western Sahara  
YEM - Yemen  
ZMB - Zambia  
ZWE - Zimbabwe

#### Schema Component Representation

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```

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<xsd:enumeration value="YEM"/>
<xsd:enumeration value="ZMB"/>
<xsd:enumeration value="ZWE"/>
</xsd:restriction>
</xsd:simpleType>

```

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Simple Type: **CreditorCounterpartyType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CreditorCounterpartyType</b> (by restriction)
Sub-types:	None

Name	CreditorCounterpartyType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'1'   '2'   '3'   '4'   '5'   '6'   '7'   '8'   '9'   '10'   '11'   '12'   '13'   '14'   '15'   '16'   '17'   '18'   '19'   '20'   '21'   '22'   '23'   '24'   '25'   '26'   '27'   '28'   '29'   '30'   '31'   '32'}</li></ul>
Documentation	<p>Elements of this type represent the major Creditor/Counterparty names.</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - Swiss Re</li><li>2 - Wells Fargo</li><li>3 - PIMCO</li><li>4 - BlackRock</li><li>5 - Natixsis</li><li>6 - Barclays</li><li>7 - Bank of America/Merrill Lynch</li><li>8 - Bank of New York</li><li>9 - BNP Paribas</li><li>10 - Calyon</li><li>11 - Cargill Financial Markets</li><li>12 - Citigroup</li><li>13 - Crédit Agricole</li><li>14 - Credit Suisse</li><li>15 - Deutsche Bank</li><li>16 - Dresdner/Commerz</li><li>17 - Fidelity</li><li>18 - Goldman Sachs</li><li>19 - HSBC</li><li>20 - JP Morgan</li><li>21 - Mitsubishi UFJ Financial Group</li><li>22 - Morgan Stanley</li><li>23 - New Edge</li><li>24 - Nomura</li><li>25 - Prudential</li><li>26 - Royal Bank of Canada</li><li>27 - Royal Bank of Scotland</li><li>28 - Société Générale</li><li>29 - State Street</li><li>30 - UBS</li><li>31 - NA</li><li>32 - Other</li></ul>

```
<xsd:simpleType name="CreditorCounterpartyType">
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    <xsd:enumeration value="30"/>
    <xsd:enumeration value="31"/>
    <xsd:enumeration value="32"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **CreditorNameType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CreditorNameType</b> (by restriction)
Sub-types:	None

Name	CreditorNameType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'1'   '2'   '3'   '4'   '5'   '6'   '7'   '8'   '9'   '10'   '11'   '12'   '13'   '14'   '15'   '16'   '17'   '18'   '19'   '20'   '21'   '22'   '23'   '24'   '25'   '26'   '27'   '28'   '29'   '30'   '31'   '32'}</li></ul>
Documentation	<p>Elements of this type represent the major Financial Institutes.</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - SwissRe</li><li>2 - WellsFargo</li><li>3 - PIMCO</li><li>4 - BlackRock</li><li>5 - Natixsis</li><li>6 - Barclays</li><li>7 - BankofAmerica/MerrillLynch</li><li>8 - BankofNewYork</li><li>9 - BNPParibas</li><li>10 - Calyon</li><li>11 - CargillFinancialMarkets</li><li>12 - Citigroup</li><li>13 - CréditAgricole</li><li>14 - CreditSuisse</li><li>15 - DeutscheBank</li><li>16 - Dresdner/Commerz</li><li>17 - Fidelity</li><li>18 - GoldmanSachs</li><li>19 - HSBC</li><li>20 - JPMorgan</li><li>21 - MitsubishiUFJFinancialGroup</li><li>22 - MorganStanley</li><li>23 - NewEdge</li><li>24 - Nomura</li><li>25 - Prudential</li><li>26 - RoyalBankofCanada</li><li>27 - RoyalBankofScotland</li><li>28 - SociétéGénérale</li><li>29 - StateStreet</li><li>30 - UBS</li><li>31 - NA</li><li>32 - Other</li></ul>



## Schema Component Representation

```
<xsd:simpleType name="CreditorNameType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="1"/>
    <xsd:enumeration value="2"/>
    <xsd:enumeration value="3"/>
    <xsd:enumeration value="4"/>
    <xsd:enumeration value="5"/>
    <xsd:enumeration value="6"/>
    <xsd:enumeration value="7"/>
    <xsd:enumeration value="8"/>
    <xsd:enumeration value="9"/>
    <xsd:enumeration value="10"/>
    <xsd:enumeration value="11"/>
    <xsd:enumeration value="12"/>
    <xsd:enumeration value="13"/>
    <xsd:enumeration value="14"/>
    <xsd:enumeration value="15"/>
    <xsd:enumeration value="16"/>
    <xsd:enumeration value="17"/>
    <xsd:enumeration value="18"/>
    <xsd:enumeration value="19"/>
    <xsd:enumeration value="20"/>
    <xsd:enumeration value="21"/>
    <xsd:enumeration value="22"/>
    <xsd:enumeration value="23"/>
    <xsd:enumeration value="24"/>
    <xsd:enumeration value="25"/>
    <xsd:enumeration value="26"/>
    <xsd:enumeration value="27"/>
    <xsd:enumeration value="28"/>
    <xsd:enumeration value="29"/>
    <xsd:enumeration value="30"/>
    <xsd:enumeration value="31"/>
    <xsd:enumeration value="32"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **CurrencyCodeType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>CurrencyCodeType</b> (by restriction)
Sub-types:	None

Name	CurrencyCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'001'   '002'   '003'   '004'   '005'   '006'   '007'   '008'   '009'   '010'   '011'   '012'   '013'   '014'   '015'   '016'   '017'   '018'   '019'   '020'   '021'   '022'   '023'   '024'   '025'   '026'   '027'   '028'   '029'   '030'   '031'   '032'   '033'   '034'   '035'   '036'   '037'   '038'   '039'   '040'   '041'   '042'   '043'   '044'   '045'   '046'   '047'   '048'   '049'   '050'   '051'   '052'   '053'   '054'   '055'   '056'   '057'   '058'   '059'   '060'   '061'   '062'   '063'   '064'   '065'   '066'   '067'   '068'   '069'   '070'   '071'   '072'   '073'   '074'   '075'   '076'   '077'   '078'   '079'   '080'   '081'   '082'   '083'   '084'   '085'   '086'   '087'   '088'   '089'   '090'   '091'   '092'   '093'   '094'   '095'   '096'   '097'   '098'   '099'   '100'   '101'   '102'   '103'   '104'   '105'   '106'   '107'   '108'   '109'   '110'   '111'   '112'   '113'   '114'   '115'   '116'   '117'   '118'   '119'   '120'   '121'   '122'   '123'   '124'   '125'   '126'   '127'   '128'   '129'   '130'   '131'   '132'   '133'   '134'   '135'   '136'   '137'   '138'   '139'   '140'   '141'   '142'   '143'   '144'   '145'   '146'   '147'   '148'   '149'   '150'   '151'   '152'   '153'   '154'   '155'   '156'   '157'   '158'   '159'   '160'   '161'   '162'   '163'   '164'   '165'   '166'   '167'   '168'   '169'   '170'   '171'   '172'   '173'   '174'   '175'   '176'   '177'   '178'   '179'   '180'   '181'   '182'   '183'   '184'   '185'   '186'   '187'   '188'   '189'   '190'   '191'   '192'   '193'   '194'   '195'   '196'   '197'   '198'   '199'   '200'   '201'   '202'   '203'   '204'   '205'   '206'   '207'   '208'   '209'   '210'   '211'   '212'   '213'   '214'   '215'   '216'   '217'   '218'   '219'   '220'   '221'   '222'   '223'   '224'   '225'   '226'   '227'   '228'   '229'   '230'   '231'   '232'   '233'   '234'   '235'   '236'   '237'   '238'   '239'   '240'   '999'}</li></ul>
Documentation	<p>Elements of this type represent the Currency Code for submitting Hedge fund liquidity values.</p> <p>Allowed values (code-description) are:</p> <p>001-United States Dollar 002-Afghanistan Afghani 003-Albanian Lek 004-Algerian Dinar 005-Andorran Peseta 006-Angolan Kwanza 007-Anguillan Dollar 008-Antiguan &amp; Barbudan Dollar 009-Argentine Peso 010-Armenian Dram 011-Aruban Guilder 012-Australian Dollar 013-Austrian Schilling 014-Azerbaijani New Manat 015-Bahamas Dollar 016-Bahraini Dinar 017-Bangladesh Taka 018-Barbadian Dollar 019-Belarusian Ruble 020-Belgian Franc 021-Belizean Dollar 022-Benin Franc 023-Bermudian Dollar 024-Bhutan Ngultrum 025-Bolivian Boliviano 026-Bosnia &amp; Herzegovinan Marka 027-Botswanan Pula 028-Brazilian Real 029-British Indian Ocean Pound 030-British Pound 031-Brunei Dollar 032-Bulgarian Lev 033-Burkina Faso Franc 034-Burundi Franc 035-Cambodian Riel 036-Cameroon Franc 037-Canadian Dollar 038-Canary Islands Euro 039-Canton &amp; Enderbury Islands Pound 040-Cape Verde Escudo 041-Cayman Islands Dollar 042-Central African Republic Franc 043-CFA Franc BCEAO 044-CFA Franc BEAC 045-Chad Franc 046-Chilean Peso 047-Chinese Renminbi 048-Christmas Island Dollar</p>

049-Cocos (Keeling) Island Dollar  
050-Columbian Peso  
051-Comoran Franc  
052-Congo Republic Franc  
053-Congolese Franc  
054-Cook Islands Dollar  
055-Costa Rican Colon  
056-Croatian Kuna  
057-Cuban Peso  
058-Cypriot Pound  
059-Czech Koruna  
060-Danish Krone  
061-Djiboutian Franc  
062-Dominica Dollar  
063-Dominican Republic Peso  
064-East Caribbean Dollar  
065-East Timor Dollar  
066-Ecuadorean Sucre  
067-Egyptian Pound  
068-El Salvador Colon  
069-Equatorial Guinea Franc  
070-Eritrean Nakfa  
071-Estonian Kroon  
072-Ethiopian Birr  
073-Euro  
074-Falkland Islands Pound  
075-Faroe Islands Krone  
076-Fijian Dollar  
077-Finnish Markka  
078-French Franc  
079-French Guiana Euro  
080-French Polynesian Franc  
081-Gabon Franc  
082-Gambian Dalasi  
083-Georgian Lari  
084-German Mark  
085-Gibraltar Pound  
086-Greek Drachma  
087-Greenland Krone  
088-Grenadan Dollar  
089-Guadeloupe Euro  
090-Guam Dollar  
091-Guatemalan Quetzal  
092-Guernsey Pound  
093-Guinea-Bissau Franc  
094-Guinean Franc  
095-Guyanese Dollar  
096-Haitian Gourde  
097-Honduras Lempira  
098-Hong Kong Dollar  
099-Hungarian Forint  
100-Iceland Krona  
101-Indian Rupee  
102-Indonesian Rupiah  
103-Iranian Rial  
104-Iraqi Dinar  
105-Irish Punt  
106-Isle of Man Pound  
107-Israeli Shekel  
108-Italian Lira  
109-Ivory Coast Franc  
110-Jamaican Dollar  
111-Japanese Yen  
112-Jersey Pound  
113-Johnston Atoll Dollar  
114-Jordanian Dinar  
115-Kazakhstan Tenge  
116-Kenyan Shilling  
117-Kiribati Dollar  
118-Kuwaiti Dinar  
119-Kyrgyzstan Som  
120-Laotian Kip  
121-Latvian Lats  
122-Lebanese Pound  
123-Lesotho Loti  
124-Liberian Dollar  
125-Libyan Dinar  
126-Liechtenstein Franc  
127-Lithuanian Litas  
128-Luxembourg Franc

129-Macau Pataca  
130-Macedonian Denar  
131-Madagascar Ariary  
132-Malawian Kwacha  
133-Malaysian Ringgit  
134-Maldives Rufiyaa  
135-Mali Republic Franc  
136-Maltese Lira  
137-Martinique Euro  
138-Mauritanian Ouguiya  
139-Mauritian Rupee  
140-Mayotte Euro  
141-Mexican Peso  
142-Micronesian Dollar  
143-Midway Islands Dollar  
144-Moldovan Leu  
145-Monaco Euro  
146-Mongolian Tugrik  
147-Montenegro Euro  
148-Montserrat Dollar  
149-Moroccan Dirham  
150-Mozambique New Metical  
151-Myanmar Kyat  
152-Namibian Dollar  
153-Nauru Dollar  
154-Nepalese Rupee  
155-Netherlands (Dutch) Guilder  
156-Netherlands Antillean Guilder  
157-New Ghana Cedi  
158-New Sudanese Pound  
159-New Zealand Dollar  
160-Nicaraguan Cordoba  
161-Niger Republic Franc  
162-Nigerian Naira  
163-Niue Dollar  
164-Norfolk Island Dollar  
165-North Korean Won  
166-Northern Mariana Is. Dollar  
167-Norwegian Krone  
168-Offshore Chinese Renminbi  
169-Omani Rial  
170-Pakistani Rupee  
171-Palau Dollar  
172-Panamanian Balboa  
173-Papua New Guinea Kina  
174-Paraguay Guarani  
175-Peruvian New Sol  
176-Philippine Peso  
177-Pitcairn Islands Dollar  
178-Polish Zloty  
179-Portuguese Escudo  
180-Puerto Rican Dollar  
181-Qatari Rial  
182-Romanian Leu  
183-Russian Ruble  
184-Rwandan Franc  
185-Saint Pierre & Miquelon Euro  
186-San Marino Euro  
187-Sao Tome & Principe Dobra  
188-Saudi Riyal  
189-Senegalese Franc  
190-Serbian Dinar  
191-Seychelles Rupee  
192-Sierra Leone Leone  
193-Singapore Dollar  
194-Slovakian Koruna  
195-Slovenian Tolar  
196-Solomon Islands Dollar  
197-Somali Shilling  
198-South African Rand  
199-South Korean Won  
200-Spanish Peseta  
201-Sri Lankan Rupee  
202-St. Helena Pound  
203-St. Kitts & Nevis Dollar  
204-St. Lucia Dollar  
205-St. Vincent Dollar  
206-Sudanese Dinar  
207-Suriname Dollar  
208-Swaziland Lilangeni

209-Swedish Krona  
210-Swiss Franc  
211-Syrian Pound  
212-Taiwanese Dollar  
213-Tajikistani Somoni  
214-Tanzanian Shilling  
215-Thai Baht  
216-Thai Baht Onshore  
217-Togo Republic Franc  
218-Tokelau Dollar  
219-Tonga Pa anga  
220-Trinidad & Tobago Dollar  
221-Tunisian Dinar  
222-Turkish New Lira  
223-Turkish Old Lira  
224-Turkmenistan Manat  
225-Turks & Caicos Dollar  
226-Tuvalu Dollar  
227-UAE Dirham  
228-Ugandan Shilling  
229-Ukrainian Hryvnia  
230-Uruguayan Peso  
231-Uzbekistani Soum  
232-Vanuatu Vatu  
233-Vatican Euro  
234-Venezuela Bolivar Essentials  
235-Venezuelan Bolivar Fuerte  
236-Vietnamese Dong  
237-West Samoan Tala  
238-Yemeni Rial  
239-Zambian Kwacha  
240-Zimbabwean Dollar  
999-Other

## Schema Component Representation

```
<xsd:simpleType name="CurrencyCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="001"/>  
    <xsd:enumeration value="002"/>  
    <xsd:enumeration value="003"/>  
    <xsd:enumeration value="004"/>  
    <xsd:enumeration value="005"/>  
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    <xsd:enumeration value="036"/>  
    <xsd:enumeration value="037"/>  
    <xsd:enumeration value="038"/>  
    <xsd:enumeration value="039"/>  
    <xsd:enumeration value="040"/>  
    <xsd:enumeration value="041"/>  
    <xsd:enumeration value="042"/>
```



[illegible]

```
<xsd:enumeration value="203"/>
<xsd:enumeration value="204"/>
<xsd:enumeration value="205"/>
<xsd:enumeration value="206"/>
<xsd:enumeration value="207"/>
<xsd:enumeration value="208"/>
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<xsd:enumeration value="238"/>
<xsd:enumeration value="239"/>
<xsd:enumeration value="240"/>
<xsd:enumeration value="999"/>
</xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted10p2Type**

Super-types:	<a href="#">xs:decimal</a> < <b>DecimalRestricted10p2Type</b> (by restriction)
Sub-types:	None

Name	DecimalRestricted10p2Type
Content	<ul style="list-style-type: none"><li>• Base XSD Type: decimal</li><li>• <math>-10000000000 &lt; value &lt; 10000000000</math></li><li>• <i>total no. of digits</i> = 12</li><li>• <i>no. of fraction digits</i> = 2</li></ul>

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted10p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="12"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000"/>
    <xsd:minExclusive value="-10000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted12p2RequiredDecimalType**

Super-types:	<a href="#">xs:decimal</a> < <b>DecimalRestricted12p2RequiredDecimalType</b> (by restriction)
Sub-types:	None

Name	DecimalRestricted12p2RequiredDecimalType
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li><i>pattern</i> = <code>[+]?\d{0,12}(\.\d{2,2})</code></li><li><math>-10000000000000 &lt; value &lt; 10000000000000</math></li><li><i>total no. of digits</i> = 14</li><li><i>no. of fraction digits</i> = 2</li></ul>

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted12p2RequiredDecimalType">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="14"/>
    <xsd:fractionDigits value="2"/>
    <xsd:minExclusive value="-10000000000000"/>
    <xsd:maxExclusive value="10000000000000"/>
    <xsd:pattern value="[+]?\d{0,12}(\.\d{2,2})"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p1Type**

Super-types:	<a href="#">xs:decimal</a> < <b>DecimalRestricted15p1Type</b> (by restriction)
Sub-types:	None

Name	DecimalRestricted15p1Type
Content	<ul style="list-style-type: none"><li>• Base XSD Type: decimal</li><li>• -1000000000000000 &lt; <i>value</i> &lt; 1000000000000000</li><li>• <i>total no. of digits</i> = 16</li><li>• <i>no. of fraction digits</i> = 1</li></ul>

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p1Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="16"/>
    <xsd:fractionDigits value="1"/>
    <xsd:maxExclusive value="1000000000000000"/>
    <xsd:minExclusive value="-1000000000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p2RequiredDecimalType**

Super-types:	<a href="#">xs:decimal</a> < <b>DecimalRestricted15p2RequiredDecimalType</b> (by restriction)
Sub-types:	None

Name	DecimalRestricted15p2RequiredDecimalType
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li><i>pattern</i> = <code>[+]?[0-9]{0,14}(\.\d{2,2})</code></li><li><code>-10000000000000000 &lt; value &lt; 10000000000000000</code></li><li><i>total no. of digits</i> = 17</li><li><i>no. of fraction digits</i> = 2</li></ul>

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p2RequiredDecimalType">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="17"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minExclusive value="-10000000000000000"/>
    <xsd:pattern value="[+]?[0-9]{0,14}(\.\d{2,2})"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p2Type**

Super-types:	<a href="#">xs:decimal</a> < <b>DecimalRestricted15p2Type</b> (by restriction)
Sub-types:	None

Name	DecimalRestricted15p2Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>-10000000000000000 &lt; <i>value</i> &lt; 10000000000000000</li><li><i>total no. of digits</i> = 17</li><li><i>no. of fraction digits</i> = 2</li></ul>

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="17"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minExclusive value="-10000000000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted15p4Type**

Super-types:	<a href="#">xs:decimal</a> < <b>DecimalRestricted15p4Type</b> (by restriction)
Sub-types:	None

Name	DecimalRestricted15p4Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>-1000000000000000 &lt; <i>value</i> &lt; 1000000000000000</li><li><i>total no. of digits</i> = 19</li><li><i>no. of fraction digits</i> = 4</li></ul>

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted15p4Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="19"/>
    <xsd:fractionDigits value="4"/>
    <xsd:maxExclusive value="1000000000000000"/>
    <xsd:minExclusive value="-1000000000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **DecimalRestricted3p2Type**

Super-types:	<a href="#">xs:decimal</a> < <b>DecimalRestricted3p2Type</b> (by restriction)
Sub-types:	None

Name	DecimalRestricted3p2Type
Content	<ul style="list-style-type: none"><li>• Base XSD Type: decimal</li><li>• <i>pattern</i> = <code>[−+]?[0-9]\d{0,2}(\.\d{2,2})</code></li><li>• <math>-1000 &lt; \textit{value} &lt; 1000</math></li><li>• <i>total no. of digits</i> = 5</li><li>• <i>no. of fraction digits</i> = 2</li></ul>

Schema Component Representation

```
<xsd:simpleType name="DecimalRestricted3p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="5"/>
    <xsd:fractionDigits value="2"/>
    <xsd:minExclusive value="-1000"/>
    <xsd:maxExclusive value="1000"/>
    <xsd:pattern value="[−+]?[0-9]\d{0,2}(\.\d{2,2})"/>
  </xsd:restriction>
</xsd:simpleType>
```

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## Simple Type: EmailType

Super-types:	<a href="#">xs:string</a> < <b>EmailType</b> (by restriction)
Sub-types:	None

<b>Name</b>	EmailType
<b>Content</b>	<ul style="list-style-type: none"> <li>Base XSD Type: string</li> <li><i>pattern</i> = ([a-zA-Z0-9][a-zA-Z0-9_\-"]*\.[a-zA-Z0-9_\-"]*)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)([a-zA-Z0-9\-\]+\.)+)([a-zA-Z]{2,4}([0-9]{1,3}\]))</li> <li><i>length</i> &lt;= 128</li> </ul>

### Schema Component Representation

```
<xsd:simpleType name="EmailType">
  <xsd:restriction base="xs:string">
    <xsd:maxLength value="128"/>
    <xsd:pattern value="([a-zA-Z0-9][a-zA-Z0-9_\-']*\.([a-zA-Z0-9_\-']+)*)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)|
      (([a-zA-Z0-9\-\+\.])|([a-zA-Z]{2,4}|[0-9]{1,3}\.)))"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: FundActionCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>FundActionCodeType</b> (by restriction)
Sub-types:	None

Name	FundActionCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'RMV'}</li></ul>
Documentation	Fund action type codes. Allowed values (code-description) are: RMV - Remove fund from reporting NOTE: This needs to be included only if the fund is being removed from this reporting period, and only if the fund has already been reported in this reporting period.

Schema Component Representation

```
<xsd:simpleType name="FundActionCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="RMV" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: FundIDType

Super-types:	<a href="#">xs:string</a> < FundIDType (by restriction)
Sub-types:	None

Name	FundIDType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>pattern = 805-\d{10}</li></ul>

Schema Component Representation

```
<xsd:simpleType name="FundIDType">  
  <xsd:restriction base="xs:string">  
    <xsd:pattern value="805-\d{10}" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: FundTypeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>FundTypeType</b> (by restriction)
Sub-types:	None

Name	FundTypeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'HEDGE'   'LIQUIDITY'   'OTHER'   'PRIVATE'   'REALESTATE'   'SECUREASSET'   'VC'}</li></ul>
Documentation	<p>Fund type codes to categorize a fund in the Fund List on Form PF.</p> <p>This list is based on fund types allowed in Q10 on Form ADV.</p> <p>Allowed values (code-description) are:</p> <p>HEDGE - Hedge Fund</p> <p>LIQUIDITY - Liquidity Fund</p> <p>OTHER - Other Private Fund</p> <p>PRIVATE - Private Equity Fund</p> <p>REALESTATE - Real Estate Fund</p> <p>SECUREASSET - Securitized Asset Fund</p> <p>VC - Venture Capital Fund</p>

Schema Component Representation

```
<xsd:simpleType name="FundTypeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="HEDGE"/>
    <xsd:enumeration value="LIQUIDITY"/>
    <xsd:enumeration value="OTHER"/>
    <xsd:enumeration value="PRIVATE"/>
    <xsd:enumeration value="REALESTATE"/>
    <xsd:enumeration value="SECUREASSET"/>
    <xsd:enumeration value="VC"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: HedgeAssetClassCDType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeAssetClassCDType</b> (by restriction)
Sub-types:	None
Name	HedgeAssetClassCDType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'ABS_STRUCT_PRD_ABCP'   'ABS_STRUCT_PRD_CDO'   'ABS_STRUCT_PRD_MBS'   'ABS_STRUCT_PRD_OABS'   'ABS_STRUCT_PRD_OSPRD'   'CNV_BND_FIN_INV_GD'   'CNV_BND_FIN_NINV_GD'   'CNV_BND_NFIN_INV_GD'   'CNV_BND_NFIN_NINV_GD'   'COMM_DER_CRUD_OIL'   'COMM_DER_GOLD'   'COMM_DER_NG'   'COMM_DER_POW'   'COMM_DER_OTH_COMM'   'COMM_PHY_CRUD_OIL'   'COMM_PHY_GOLD'   'COMM_PHY_NG'   'COMM_PHY_OTH_COMM'   'COMM_PHY_POW'   'CRD_DER_EXO_CDS'   'CRD_DER_IDX_CDS'   'CRD_DER_SNM_CDS'   'CRP_BND_FIN_INV_GD'   'CRP_BND_FIN_NINV_GD'   'CRP_BND_NFIN_INV_GD'   'CRP_BND_NFIN_NINV_GD'   'DER_EXP_ULST_SEC_FIN'   'DER_EXP_ULST_SEC_OTH'   'FX_DER_HDGE'   'FX_DER_INV'   'INT_DER'   'INV_EXT_PVT_FNDS'   'INV_FND_CSHMG_OTH_MM'   'INV_INT_PVT_FNDS'   'INV_REG_INV_COM'   'LOAN_LVRG_LN'   'LOAN_OTH_LN_NO_REPO'   'LST_EQT_DER_FIN'   'LST_EQT_DER_OTH_DER'   'LST_EQT_FIN'   'LST_EQT_OTH_LST_EQT'   'NON_US_CURR_HLDNG'   'OTHER'   'OTH_DER'   'PHYS_REAL_EST'   'REPOS'   'SVRN_BMB_AS'   'SVRN_BMB_G10_NO_US'   'SVRN_BMB_GSE_BND'   'SVRN_BMB_OTH_SUP_BND'   'SVRN_BMB_US_ST_LCL'   'SVRN_BMB_US_TRS'   'UNLST_EQT_FIN'   'UNLST_EQT_OTH_UNLST'}</li></ul>
Documentation	<p>Elements of this type represent the Asset Class Code for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>ABS_STRUCT_PRD_ABCP - ABS/structured products - ABCP</p> <p>ABS_STRUCT_PRD_CDO - ABS/structured products - CDO/CLO</p> <p>ABS_STRUCT_PRD_MBS - ABS/structured products - MBS</p> <p>ABS_STRUCT_PRD_OABS - ABS/structured products - Other ABS</p> <p>ABS_STRUCT_PRD_OSPRD - ABS/structured products - Other structured products</p> <p>CNV_BND_FIN_INV_GD - Convertible bonds issued by financial institutions - Investment grade</p> <p>CNV_BND_FIN_NINV_GD - Convertible bonds issued by financial institutions - Non-investment grade</p> <p>CNV_BND_NFIN_INV_GD - Convertible bonds not issued by financial institutions - Investment grade</p> <p>CNV_BND_NFIN_NINV_GD - Convertible bonds not issued by financial institutions - Non-investment grade</p> <p>COMM_DER_CRUD_OIL - Commodities (derivatives) - Crude oil</p> <p>COMM_DER_GOLD - Commodities (derivatives) - Gold</p> <p>COMM_DER_NG - Commodities (derivatives) - Natural gas</p> <p>COMM_DER_POW - Commodities (derivatives) - Power</p> <p>COMM_DER_OTH_COMM - Commodities (derivatives) - Other commodities</p> <p>COMM_PHY_CRUD_OIL - Commodities (physical) - Crude oil</p> <p>COMM_PHY_GOLD - Commodities (physical) - Gold</p> <p>COMM_PHY_NG - Commodities (physical) - Natural gas</p> <p>COMM_PHY_OTH_COMM - Commodities (physical) - Other commodities</p> <p>COMM_PHY_POW - Commodities (physical) - Power</p> <p>CRD_DER_EXO_CDS - Credit derivatives - Exotic CDS</p> <p>CRD_DER_IDX_CDS - Credit derivatives - Index CDS</p> <p>CRD_DER_SNM_CDS - Credit derivatives - Single name CDS</p> <p>CRP_BND_FIN_INV_GD - Corporate bonds issued by financial institutions (other than convertible bonds) - Investment grade</p> <p>CRP_BND_FIN_NINV_GD - Corporate bonds issued by financial institutions (other than convertible bonds) - Non-investment grade</p> <p>CRP_BND_NFIN_INV_GD - Corporate bonds not issued by financial institutions (other than convertible bonds) - Investment grade</p> <p>CRP_BND_NFIN_NINV_GD - Corporate bonds not issued by financial institutions (other than convertible bonds) - Non-investment grade</p> <p>DER_EXP_ULST_SEC_FIN - Derivative exposures to unlisted equities - Related to financial institutions</p> <p>DER_EXP_ULST_SEC_OTH - Derivative exposures to unlisted equities - Other derivative exposures to unlisted equities</p> <p>FX_DER_HDGE - Foreign exchange derivatives (hedging)</p> <p>FX_DER_INV - Foreign exchange derivatives (investment)</p> <p>INT_DER - Interest rate derivatives</p> <p>INV_EXT_PVT_FNDS - Investments in external private funds</p> <p>INV_FND_CSHMG_OTH_MM - Investments in funds for cash management purposes (other than money market funds)</p> <p>INV_INT_PVT_FNDS - Investments in internal private funds</p> <p>INV_REG_INV_COM - Investments in registered investment companies</p> <p>LOAN_LVRG_LN - Loans - Leveraged loans</p> <p>LOAN_OTH_LN_NO_REPO - Loans - Other loans (not including repos)</p> <p>LST_EQT_DER_FIN - Listed equity derivatives - Related to financial institutions</p> <p>LST_EQT_DER_OTH_DER - Listed equity derivatives - Other listed equity derivatives</p> <p>LST_EQT_FIN - Listed equity - Issued by financial institutions</p> <p>LST_EQT_OTH_LST_EQT - Listed equity - Other listed equity</p> <p>NON_US_CURR_HLDNG - Non-U.S. currency holdings</p>

OTHER - Other  
 OTH\_DER - Other derivatives  
 PHYS\_REAL\_EST - Physical real estate  
 REPOS - Repos  
 SVRN\_BMB\_AS - Sovereign bonds and municipal bonds - Agency securities  
 SVRN\_BMB\_G10\_NO\_US - Sovereign bonds and municipal bonds - Sovereign bonds issued by G10 countries other than the U.S.  
 SVRN\_BMB\_GSE\_BND - Sovereign bonds and municipal bonds - GSE bonds  
 SVRN\_BMB\_OTH\_SUP\_BND - Sovereign bonds and municipal bonds - Other sovereign bonds (including supranational bonds)  
 SVRN\_BMB\_US\_ST\_LCL - Sovereign bonds and municipal bonds - U.S. state and local bonds  
 SVRN\_BMB\_US\_TRS - Sovereign bonds and municipal bonds - U.S. treasury securities  
 UNLST\_EQT\_FIN - Unlisted equity - Issued by financial institutions  
 UNLST\_EQT\_OTH\_UNLST - Unlisted equity - Other unlisted equity

## Schema Component Representation

```

<xsd:simpleType name="HedgeAssetClassCDType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="ABS_STRUCT_PRD_ABCP"/>
    <xsd:enumeration value="ABS_STRUCT_PRD_CDO"/>
    <xsd:enumeration value="ABS_STRUCT_PRD_MBS"/>
    <xsd:enumeration value="ABS_STRUCT_PRD_OABS"/>
    <xsd:enumeration value="ABS_STRUCT_PRD_OSPRD"/>
    <xsd:enumeration value="CNV_BND_FIN_INV_GD"/>
    <xsd:enumeration value="CNV_BND_FIN_NINV_GD"/>
    <xsd:enumeration value="CNV_BND_NFIN_INV_GD"/>
    <xsd:enumeration value="CNV_BND_NFIN_NINV_GD"/>
    <xsd:enumeration value="COMM_DER_CRUD_OIL"/>
    <xsd:enumeration value="COMM_DER_GOLD"/>
    <xsd:enumeration value="COMM_DER_NG"/>
    <xsd:enumeration value="COMM_DER_POW"/>
    <xsd:enumeration value="COMM_DER_OTH_COMM"/>
    <xsd:enumeration value="COMM_PHY_CRUD_OIL"/>
    <xsd:enumeration value="COMM_PHY_GOLD"/>
    <xsd:enumeration value="COMM_PHY_NG"/>
    <xsd:enumeration value="COMM_PHY_OTH_COMM"/>
    <xsd:enumeration value="COMM_PHY_POW"/>
    <xsd:enumeration value="CRD_DER_EXO_CDS"/>
    <xsd:enumeration value="CRD_DER_IDX_CDS"/>
    <xsd:enumeration value="CRD_DER_SNM_CDS"/>
    <xsd:enumeration value="CRP_BND_FIN_INV_GD"/>
    <xsd:enumeration value="CRP_BND_FIN_NINV_GD"/>
    <xsd:enumeration value="CRP_BND_NFIN_INV_GD"/>
    <xsd:enumeration value="CRP_BND_NFIN_NINV_GD"/>
    <xsd:enumeration value="DER_EXP_ULST_SEC_FIN"/>
    <xsd:enumeration value="DER_EXP_ULST_SEC_OTH"/>
    <xsd:enumeration value="FX_DER_HDGE"/>
    <xsd:enumeration value="FX_DER_INV"/>
    <xsd:enumeration value="INT_DER"/>
    <xsd:enumeration value="INV_EXT_PVT_FNDS"/>
    <xsd:enumeration value="INV_FND_CSHMG_OTH_MM"/>
    <xsd:enumeration value="INV_INT_PVT_FNDS"/>
    <xsd:enumeration value="INV_REG_INV_COM"/>
    <xsd:enumeration value="LOAN_LVRG_LN"/>
    <xsd:enumeration value="LOAN_OTH_LN_NO_REPO"/>
    <xsd:enumeration value="LST_EQT_DER_FIN"/>
    <xsd:enumeration value="LST_EQT_DER_OTH_DER"/>
    <xsd:enumeration value="LST_EQT_FIN"/>
    <xsd:enumeration value="LST_EQT_OTH_LST_EQT"/>
    <xsd:enumeration value="NON_US_CURR_HLDNG"/>
    <xsd:enumeration value="OTHER"/>
    <xsd:enumeration value="OTH_DER"/>
    <xsd:enumeration value="PHYS_REAL_EST"/>
    <xsd:enumeration value="REPOS"/>
    <xsd:enumeration value="SVRN_BMB_AS"/>
    <xsd:enumeration value="SVRN_BMB_G10_NO_US"/>
    <xsd:enumeration value="SVRN_BMB_GSE_BND"/>
    <xsd:enumeration value="SVRN_BMB_OTH_SUP_BND"/>
    <xsd:enumeration value="SVRN_BMB_US_ST_LCL"/>
    <xsd:enumeration value="SVRN_BMB_US_TRS"/>
    <xsd:enumeration value="UNLST_EQT_FIN"/>
    <xsd:enumeration value="UNLST_EQT_OTH_UNLST"/>
  </xsd:restriction>
</xsd:simpleType>
  
```

Simple Type: HedgeFundCommodityPricesMarketFactorChangeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundCommodityPricesMarketFactorChangeCodeType</b> (by restriction)
Sub-types:	None

Name	HedgeFundCommodityPricesMarketFactorChangeCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'COMM_PRC_INC_10'   'COMM_PRC_DEC_10'   'COMM_PRC_INC_40'   'COMM_PRC_DEC_40'}</li></ul>
Documentation	<p>Elements of this type represent the Commodity Prices Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>COMM_PRC_INC_10 - Commodity prices increase 10%</p> <p>COMM_PRC_DEC_10 - Commodity prices decrease 10%</p> <p>COMM_PRC_INC_40 - Commodity prices increase 40%</p> <p>COMM_PRC_DEC_40 - Commodity prices decrease 40%</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundCommodityPricesMarketFactorChangeCodeType" >
  <xsd:restriction base="stringPreserveWhiteSpaces" >
    <xsd:enumeration value="COMM_PRC_INC_10" />
    <xsd:enumeration value="COMM_PRC_DEC_10" />
    <xsd:enumeration value="COMM_PRC_INC_40" />
    <xsd:enumeration value="COMM_PRC_DEC_40" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: HedgeFundCreditSpreadsMarketFactorChangeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundCreditSpreadsMarketFactorChangeCodeType</b> (by restriction)
Sub-types:	None

Name	HedgeFundCreditSpreadsMarketFactorChangeCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'CRED_SPRD_INC_50'   'CRED_SPRD_DEC_50'   'CRED_SPRD_INC_250'   'CRED_SPRD_DEC_250'}</li></ul>
Documentation	<p>Elements of this type represent the Credit Spreads Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>CRED_SPRD_INC_50 - Credit spreads increase 50bp</p> <p>CRED_SPRD_DEC_50 - Credit spreads decrease 50bp</p> <p>CRED_SPRD_INC_250 - Credit spreads increase 250bp</p> <p>CRED_SPRD_DEC_250 - Credit spreads decrease 250bp</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundCreditSpreadsMarketFactorChangeCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="CRED_SPRD_INC_50"/>  
    <xsd:enumeration value="CRED_SPRD_DEC_50"/>  
    <xsd:enumeration value="CRED_SPRD_INC_250"/>  
    <xsd:enumeration value="CRED_SPRD_DEC_250"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundCurrencyRatesMarketFactorChangeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundCurrencyRatesMarketFactorChangeCodeType</b> (by restriction)
Sub-types:	None

Name	HedgeFundCurrencyRatesMarketFactorChangeCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'CURR_RT_INC_5'   'CURR_RT_DEC_5'   'CURR_RT_INC_20'   'CURR_RT_DEC_20'}</li></ul>
Documentation	<p>Elements of this type represent the Currency Rates Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>CURR_RT_INC_5 - Currency rates increase 5%</p> <p>CURR_RT_DEC_5 - Currency rates decrease 5%</p> <p>CURR_RT_INC_20 - Currency rates increase 20%</p> <p>CURR_RT_DEC_20 - Currency rates decrease 20%</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundCurrencyRatesMarketFactorChangeCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="CURR_RT_INC_5"/>  
    <xsd:enumeration value="CURR_RT_DEC_5"/>  
    <xsd:enumeration value="CURR_RT_INC_20"/>  
    <xsd:enumeration value="CURR_RT_DEC_20"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundDefaultRatesABSMarketFactorChangeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundDefaultRatesABSMarketFactorChangeCodeType</b> (by restriction)
Sub-types:	None

Name	HedgeFundDefaultRatesABSMarketFactorChangeCodeType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'DEF_RT_ABS_INC_1'   'DEF_RT_ABS_DEC_1'   'DEF_RT_ABS_INC_5'   'DEF_RT_ABS_DEC_5'}</li></ul>
Documentation	<p>Elements of this type represent the Default Rates ABS Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>DEF_RT_ABS_INC_1 - Default rates increase 1 percentage point</p> <p>DEF_RT_ABS_DEC_1 - Default rates decrease 1 percentage point</p> <p>DEF_RT_ABS_INC_5 - Default rates increase 5 percentage points</p> <p>DEF_RT_ABS_DEC_5 - Default rates decrease 5 percentage points</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundDefaultRatesABSMarketFactorChangeCodeType" >
  <xsd:restriction base="stringPreserveWhiteSpaces" >
    <xsd:enumeration value="DEF_RT_ABS_INC_1" />
    <xsd:enumeration value="DEF_RT_ABS_DEC_1" />
    <xsd:enumeration value="DEF_RT_ABS_INC_5" />
    <xsd:enumeration value="DEF_RT_ABS_DEC_5" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: HedgeFundDefaultRatesCDSMarketFactorChangeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundDefaultRatesCDSMarketFactorChangeCodeType</b> (by restriction)
Sub-types:	None

Name	HedgeFundDefaultRatesCDSMarketFactorChangeCodeType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy:</i> <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'DEF_RT_CBND_CD_INC_1'   'DEF_RT_CBND_CD_DEC_1'   'DEF_RT_CBND_CD_INC_5'   'DEF_RT_CBND_CD_DEC_5'}</li></ul>
Documentation	<p>Elements of this type represent the Default Rates Corporate Bonds and CDs Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>DEF_RT_CBND_CD_INC_1 - Default rates increase 1 percentage point</p> <p>DEF_RT_CBND_CD_DEC_1 - Default rates decrease 1 percentage point</p> <p>DEF_RT_CBND_CD_INC_5 - Default rates increase 5 percentage points</p> <p>DEF_RT_CBND_CD_DEC_5 - Default rates decrease 5 percentage points</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundDefaultRatesCDSMarketFactorChangeCodeType" >
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="DEF_RT_CBND_CD_INC_1" />
    <xsd:enumeration value="DEF_RT_CBND_CD_DEC_1" />
    <xsd:enumeration value="DEF_RT_CBND_CD_INC_5" />
    <xsd:enumeration value="DEF_RT_CBND_CD_DEC_5" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: HedgeFundEquityMarketFactorChangeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundEquityMarketFactorChangeCodeType</b> (by restriction)
Sub-types:	None

Name	HedgeFundEquityMarketFactorChangeCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'EQT_PRC_INC_5'   'EQT_PRC_DEC_5'   'EQT_PRC_INC_20'   'EQT_PRC_DEC_20'}</li></ul>
Documentation	<p>Elements of this type represent the Equity Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are: EQT_PRC_INC_5 - Equity prices increase 5% EQT_PRC_DEC_5 - Equity prices decrease 5% EQT_PRC_INC_20 - Equity prices increase 20% EQT_PRC_DEC_20 - Equity prices decrease 20%</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundEquityMarketFactorChangeCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="EQT_PRC_INC_5"/>  
    <xsd:enumeration value="EQT_PRC_DEC_5"/>  
    <xsd:enumeration value="EQT_PRC_INC_20"/>  
    <xsd:enumeration value="EQT_PRC_DEC_20"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundMarketFactorRelevanceType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundMarketFactorRelevanceType</b> (by restriction)
Sub-types:	None

Name	HedgeFundMarketFactorRelevanceType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'NOT_RLVNT'   'RLVNT_NOT_TSTD'   'RLVNT_TSTD'}</li></ul>
Documentation	Elements of this type represent the Market Factor Relevance Type for submitting Hedge fund positions. Allowed values (code-description) are: NOT_RLVNT - Not Relevant RLVNT_NOT_TSTD - Relevant/ Not Formally Tested RLVNT_TSTD - Relevant/Formally Tested

Schema Component Representation

```
<xsd:simpleType name="HedgeFundMarketFactorRelevanceType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="NOT_RLVNT"/>  
    <xsd:enumeration value="RLVNT_NOT_TSTD"/>  
    <xsd:enumeration value="RLVNT_TSTD"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType</b> (by restriction)
Sub-types:	None

Name	HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'OPT_IMP_VOL_INC_4'   'OPT_IMP_VOL_DEC_4'   'OPT_IMP_VOL_INC_10'   'OPT_IMP_VOL_DEC_10'}</li></ul>
Documentation	<p>Elements of this type represent the Option Implied Volatilities Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>OPT_IMP_VOL_INC_4 - Implied volatilities increase 4 percentage points</p> <p>OPT_IMP_VOL_DEC_4 - Implied volatilities decrease 4 percentage points</p> <p>OPT_IMP_VOL_INC_10 - Implied volatilities increase 10 percentage points</p> <p>OPT_IMP_VOL_DEC_10 - Implied volatilities decrease 10 percentage points</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="OPT_IMP_VOL_INC_4"/>  
    <xsd:enumeration value="OPT_IMP_VOL_DEC_4"/>  
    <xsd:enumeration value="OPT_IMP_VOL_INC_10"/>  
    <xsd:enumeration value="OPT_IMP_VOL_DEC_10"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType</b> (by restriction)
Sub-types:	None

Name	HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'RSK_FR_INT_RT_INC_25'   'RSK_FR_INT_RT_DEC_25'   'RSK_FR_INT_RT_INC_75'   'RSK_FR_INT_RT_DEC_75'}</li></ul>
Documentation	<p>Elements of this type represent the Risk Free Interest Rates Market Factor Effect Change Code Type for submitting Hedge fund positions.</p> <p>Allowed values (code-description) are:</p> <p>RSK_FR_INT_RT_INC_25 - Risk free interest rates increase 25bp</p> <p>RSK_FR_INT_RT_DEC_25 - Risk free interest rates decrease 25bp</p> <p>RSK_FR_INT_RT_INC_75 - Risk free interest rates increase 75bp</p> <p>RSK_FR_INT_RT_DEC_75 - Risk free interest rates decrease 75bp</p>

Schema Component Representation

```
<xsd:simpleType name="HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="RSK_FR_INT_RT_INC_25"/>  
    <xsd:enumeration value="RSK_FR_INT_RT_DEC_25"/>  
    <xsd:enumeration value="RSK_FR_INT_RT_INC_75"/>  
    <xsd:enumeration value="RSK_FR_INT_RT_DEC_75"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: HighFreqTradingStrategyType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>HighFreqTradingStrategyType</b> (by restriction)
Sub-types:	None

Name	HighFreqTradingStrategyType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'0'   '1'   '2'   '3'   '4'   '5'   '6'}</li></ul>
Documentation	Elements of this type represent the high-frequency trading strategies Allowed values (code-description) are: 0 - 0% 1 - less than 10% 2 - 10-25% 3 - 26-50% 4 - 51-75% 5 - 76-99% 6 - 100% or more

Schema Component Representation

```
<xsd:simpleType name="HighFreqTradingStrategyType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="0"/>  
    <xsd:enumeration value="1"/>  
    <xsd:enumeration value="2"/>  
    <xsd:enumeration value="3"/>  
    <xsd:enumeration value="4"/>  
    <xsd:enumeration value="5"/>  
    <xsd:enumeration value="6"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **InvestmentCategoryType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>InvestmentCategoryType</b> (by restriction)
Sub-types:	None

Name	InvestmentCategoryType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• Whitespace policy: <a href="#">preserve</a></li><li>• value comes from list: {'US_TRSRY_DEBT'   'US_GOVT_AGENCY_DEBT'   'NON_US_SUB_SOV_NATL'   'CERT_DPST'   'NON_NEG_TM_DPST'   'VRBL_RT_DMND_NT'   'OTHER_MNCPL_SCRTY'   'ASSET_BCKD_CMRL'   'OTHER_ABS'   'US_TRSRY_REPO'   'US_GOVT_AGENCY_REPO'   'OTHER_REPO'   'INSRC_FUNDG_AGRMT'   'INVMT_CMPNY'   'FNNCL_CMPNY_CMRL'   'NON_FNNCL_CMRL'   'TNRD_OPTN_BOND'   'OTHER'   'NA'}</li></ul>
Documentation	<p>Elements of this type represent Investment Category Type (Section 3 - Item E - Q63(f) Investment Category )</p> <p>Allowed values (code-description) are:</p> <p>US_TRSRY_DEBT - U.S. Treasury Debt</p> <p>US_GOVT_AGENCY_DEBT - U.S. Government Agency Debt</p> <p>NON_US_SUB_SOV_NATL - Non-U.S. Sovereign, Sub-Sovereign and Supra-National debt</p> <p>CERT_DPST - Certificate of Deposit</p> <p>NON_NEG_TM_DPST - Non-Negotiable Time Deposit</p> <p>VRBL_RT_DMND_NT - Variable Rate Demand Note</p> <p>OTHER_MNCPL_SCRTY - Other Municipal Security</p> <p>ASSET_BCKD_CMRL - Asset Backed Commercial Paper</p> <p>OTHER_ABS - Other Asset Backed Securities</p> <p>US_TRSRY_REPO - U.S. Treasury Repurchase Agreement, if collateralized only by U.S. Treasuries (including Strips) and cash</p> <p>US_GOVT_AGENCY_REPO - U.S. Government Agency Repurchase Agreement, collateralized only by U.S. Government Agency securities, U.S. Treasuries, and cash</p> <p>OTHER_REPO - Other Repurchase Agreement, if any collateral falls outside Treasury, Government Agency and cash</p> <p>INSRC_FUNDG_AGRMT - Insurance Company Funding Agreement</p> <p>INVMT_CMPNY - Investment Company</p> <p>FNNCL_CMPNY_CMRL - Financial Company Commercial Paper</p> <p>NON_FNNCL_CMRL - Non-Financial Company Commercial Paper</p> <p>TNRD_OPTN_BOND - Tender Option Bond</p> <p>OTHER - Other Instrument</p> <p>NA - N/A</p>

Schema Component Representation

<pre>&lt;xsd:simpleType name="InvestmentCategoryType"&gt;   &lt;xsd:restriction base="stringPreserveWhiteSpaces"&gt;     &lt;xsd:enumeration value="US_TRSRY_DEBT" /&gt;     &lt;xsd:enumeration value="US_GOVT_AGENCY_DEBT" /&gt;     &lt;xsd:enumeration value="NON_US_SUB_SOV_NATL" /&gt;     &lt;xsd:enumeration value="CERT_DPST" /&gt;     &lt;xsd:enumeration value="NON_NEG_TM_DPST" /&gt;     &lt;xsd:enumeration value="VRBL_RT_DMND_NT" /&gt;     &lt;xsd:enumeration value="OTHER_MNCPL_SCRTY" /&gt;     &lt;xsd:enumeration value="ASSET_BCKD_CMRL" /&gt;     &lt;xsd:enumeration value="OTHER_ABS" /&gt;     &lt;xsd:enumeration value="US_TRSRY_REPO" /&gt;     &lt;xsd:enumeration value="US_GOVT_AGENCY_REPO" /&gt;     &lt;xsd:enumeration value="OTHER_REPO" /&gt;     &lt;xsd:enumeration value="INSRC_FUNDG_AGRMT" /&gt;     &lt;xsd:enumeration value="INVMT_CMPNY" /&gt;     &lt;xsd:enumeration value="FNNCL_CMPNY_CMRL" /&gt;     &lt;xsd:enumeration value="NON_FNNCL_CMRL" /&gt;     &lt;xsd:enumeration value="TNRD_OPTN_BOND" /&gt;     &lt;xsd:enumeration value="OTHER" /&gt;     &lt;xsd:enumeration value="NA" /&gt;   &lt;/xsd:restriction&gt; &lt;/xsd:simpleType&gt;</pre>
--

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Simple Type: **InvestmentGradeMeasureCodeType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>InvestmentGradeMeasureCodeType</b> (by restriction)
Sub-types:	None

Name	InvestmentGradeMeasureCodeType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'DRTN'   'WAT'   '10YR-EQ'}</li></ul>
Documentation	Measure type codes. Allowed values (code-description) are: DRTN - Bond Duration WAT - Weighted average tenor 10YR-EQ - 10-year bond equivalent

Schema Component Representation

```
<xsd:simpleType name="InvestmentGradeMeasureCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="DRTN"/>  
    <xsd:enumeration value="WAT"/>  
    <xsd:enumeration value="10YR-EQ"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: LEIType

Super-types:	<a href="#">xs:string</a> < LEIType (by restriction)
Sub-types:	None

Name	LEIType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>pattern</i> = [a-zA-Z0-9]+</li><li>• <i>length</i> &lt;= 20</li></ul>

Schema Component Representation

```
<xsd:simpleType name="LEIType">
  <xsd:restriction base="xs:string">
    <xsd:maxLength value="20"/>
    <xsd:pattern value="[a-zA-Z0-9]+" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: LiquidityFinancingMaturityTypeCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>LiquidityFinancingMaturityTypeCodeType</b> (by restriction)
Sub-types:	None

Name	LiquidityFinancingMaturityTypeCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'UNSCD_US_INSTN'   'UNSCD_NON_US_INSTN'   'UNSCD_US_CRDTR'   'UNSCD_NON_US_CRDTR'   'SECRD_US_INSTN'   'SECRD_NON_US_INSTN'   'SECRD_US_CRDTR'   'SECRD_NON_US_CRDTR'}</li></ul>
Documentation	Maturity type codes for liquidity funds. Allowed values (code-description) are: UNSCD_US_INSTN - Unsecured borrowing U.S. financial institutions UNSCD_NON_US_INSTN - Unsecured borrowing Non-U.S. financial institutions UNSCD_US_CRDTR - Unsecured borrowing Other U.S. creditors UNSCD_NON_US_CRDTR - Unsecured borrowing Other non-U.S. creditors SECRD_US_INSTN - Secured borrowing U.S. financial institutions SECRD_NON_US_INSTN - Secured borrowing Non-U.S. financial institutions SECRD_US_CRDTR - Secured borrowing Other U.S. creditors SECRD_NON_US_CRDTR - Secured borrowing Other non-U.S. creditors

Schema Component Representation

```
<xsd:simpleType name="LiquidityFinancingMaturityTypeCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="UNSCD_US_INSTN"/>  
    <xsd:enumeration value="UNSCD_NON_US_INSTN"/>  
    <xsd:enumeration value="UNSCD_US_CRDTR"/>  
    <xsd:enumeration value="UNSCD_NON_US_CRDTR"/>  
    <xsd:enumeration value="SECRD_US_INSTN"/>  
    <xsd:enumeration value="SECRD_NON_US_INSTN"/>  
    <xsd:enumeration value="SECRD_US_CRDTR"/>  
    <xsd:enumeration value="SECRD_NON_US_CRDTR"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: LongRestricted10Type

Super-types:	<a href="#">xs:long</a> < LongRestricted10Type (by restriction)
Sub-types:	None

Name	LongRestricted10Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: long</li><li>-10000000000 &lt; value &lt; 10000000000</li></ul>

Schema Component Representation

```
<xsd:simpleType name="LongRestricted10Type">
  <xsd:restriction base="xs:long">
    <xsd:maxExclusive value="10000000000"/>
    <xsd:minExclusive value="-10000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: LongRestricted15Type

Super-types:	<a href="#">xs:long</a> < LongRestricted15Type (by restriction)
Sub-types:	None

Name	LongRestricted15Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: long</li><li>-1000000000000000 &lt; value &lt; 1000000000000000</li><li>total no. of digits = 15</li></ul>

Schema Component Representation

```
<xsd:simpleType name="LongRestricted15Type">
  <xsd:restriction base="xs:long">
    <xsd:totalDigits value="15"/>
    <xsd:minExclusive value="-1000000000000000"/>
    <xsd:maxExclusive value="1000000000000000"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: LongRestricted5Type

Super-types:	<a href="#">xsd:long</a> < LongRestricted5Type (by restriction)
Sub-types:	None

Name	LongRestricted5Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: long</li><li>-100000 &lt; value &lt; 100000</li></ul>

Schema Component Representation

```
<xsd:simpleType name="LongRestricted5Type">  
  <xsd:restriction base="xsd:long">  
    <xsd:minExclusive value="-100000"/>  
    <xsd:maxExclusive value="100000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: MajorFinInstType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>MajorFinInstType</b> (by restriction)
Sub-types:	None

Name	MajorFinInstType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'1'   '2'   '3'   '4'   '5'   '6'   '7'   '8'   '9'   '10'   '11'   '12'   '13'   '14'   '15'   '16'   '17'   '18'   '19'   '20'   '21'   '22'   '23'   '24'   '25'   '26'   '27'   '28'   '29'   '30'   '31'   '32'}</li></ul>
Documentation	<p>Elements of this type represent the major Financial Institutes</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - SwissRe</li><li>2 - WellsFargo</li><li>3 - PIMCO</li><li>4 - BlackRock</li><li>5 - Natixsis</li><li>6 - Barclays</li><li>7 - BankofAmerica/MerrillLynch</li><li>8 - BankofNewYork</li><li>9 - BNPParibas</li><li>10 - Calyon</li><li>11 - CargillFinancialMarkets</li><li>12 - Citigroup</li><li>13 - CréditAgriculture</li><li>14 - CreditSuisse</li><li>15 - DeutscheBank</li><li>16 - Dresdner/Commerz</li><li>17 - Fidelity</li><li>18 - GoldmanSachs</li><li>19 - HSBC</li><li>20 - JPMorgan</li><li>21 - MitsubishiUFJFinancialGroup</li><li>22 - MorganStanley</li><li>23 - NewEdge</li><li>24 - Nomura</li><li>25 - Prudential</li><li>26 - RoyalBankofCanada</li><li>27 - RoyalBankofScotland</li><li>28 - SociétéGénérale</li><li>29 - StateStreet</li><li>30 - UBS</li><li>31 - NA</li><li>32 - Other</li></ul>

## Schema Component Representation

```
<xsd:simpleType name="MajorFinInstType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="1"/>
    <xsd:enumeration value="2"/>
    <xsd:enumeration value="3"/>
    <xsd:enumeration value="4"/>
    <xsd:enumeration value="5"/>
    <xsd:enumeration value="6"/>
    <xsd:enumeration value="7"/>
    <xsd:enumeration value="8"/>
    <xsd:enumeration value="9"/>
    <xsd:enumeration value="10"/>
    <xsd:enumeration value="11"/>
    <xsd:enumeration value="12"/>
    <xsd:enumeration value="13"/>
    <xsd:enumeration value="14"/>
    <xsd:enumeration value="15"/>
    <xsd:enumeration value="16"/>
    <xsd:enumeration value="17"/>
    <xsd:enumeration value="18"/>
    <xsd:enumeration value="19"/>
    <xsd:enumeration value="20"/>
    <xsd:enumeration value="21"/>
    <xsd:enumeration value="22"/>
    <xsd:enumeration value="23"/>
    <xsd:enumeration value="24"/>
    <xsd:enumeration value="25"/>
    <xsd:enumeration value="26"/>
    <xsd:enumeration value="27"/>
    <xsd:enumeration value="28"/>
    <xsd:enumeration value="29"/>
    <xsd:enumeration value="30"/>
    <xsd:enumeration value="31"/>
    <xsd:enumeration value="32"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **NAICSCodeType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>NAICSCodeType</b> (by restriction)
Sub-types:	None

Name	NAICSCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'NA'   '111100'   '112120'   '111300'   '111400'   '111900'   '112111'   '112112'   '112120'   '112210'   '112300'   '112400'   '112510'   '112900'   '113110'   '113210'   '113310'   '114110'   '114210'   '115110'   '115210'   '115310'   '211110'   '212110'   '212200'   '212310'   '212320'   '212390'   '213110'   '221100'   '221210'   '221300'   '221500'   '236110'   '236200'   '237100'   '237210'   '237310'   '237990'   '238100'   '238210'   '238220'   '238290'   '238300'   '238900'   '311110'   '311200'   '311300'   '311400'   '311500'   '311610'   '311710'   '311800'   '311900'   '312110'   '312120'   '312130'   '312140'   '312200'   '313000'   '314000'   '315100'   '315210'   '315220'   '315230'   '315290'   '315990'   '316110'   '316210'   '316990'   '321110'   '321210'   '321900'   '322100'   '322200'   '323100'   '324110'   '324120'   '324190'   '325100'   '325200'   '325300'   '325410'   '325500'   '325600'   '325900'   '326100'   '326200'   '327100'   '327210'   '327300'   '327400'   '327900'   '331110'   '331200'   '331310'   '331400'   '331500'   '332110'   '332210'   '332300'   '332400'   '332510'   '332610'   '332700'   '332810'   '332900'   '333100'   '333200'   '333310'   '333410'   '333510'   '333610'   '333900'   '334110'   '334200'   '334310'   '334410'   '334500'   '334610'   '335100'   '335200'   '335310'   '335900'   '336100'   '336210'   '336300'   '336410'   '336510'   '336610'   '336990'   '337000'   '339110'   '339900'   '423100'   '423200'   '423300'   '423400'   '423500'   '423600'   '423700'   '423800'   '423910'   '423920'   '423930'   '423940'   '423990'   '424100'   '424210'   '424300'   '424400'   '424500'   '424600'   '424700'   '424800'   '424910'   '424920'   '424930'   '424940'   '424950'   '424990'   '425110'   '425120'   '441110'   '441120'   '441210'   '441221'   '441222'   '441229'   '441300'   '442110'   '442210'   '442291'   '442299'   '443111'   '443112'   '443120'   '443130'   '444110'   '444120'   '444130'   '444190'   '444200'   '445110'   '445120'   '445210'   '445220'   '445230'   '445291'   '445292'   '445299'   '445310'   '446110'   '446120'   '446130'   '446190'   '447100'   '448110'   '448120'   '448130'   '448140'   '448150'   '448190'   '448210'   '448310'   '448320'   '451110'   '451120'   '451130'   '451140'   '451211'   '451212'   '451220'   '451220'   '452110'   '452900'   '453110'   '453210'   '453220'   '453310'   '453910'   '453920'   '453930'   '453990'   '454110'   '454210'   '454311'   '454312'   '454319'   '454390'   '481000'   '482110'   '483000'   '484110'   '484120'   '484200'   '485110'   '485210'   '485310'   '485320'   '485410'   '485510'   '485990'   '486000'   '487000'   '488100'   '488210'   '488300'   '488410'   '488490'   '488510'   '488990'   '492110'   '492210'   '493100'   '511110'   '511120'   '511130'   '511140'   '511190'   '511210'   '512100'   '512200'   '515100'   '515210'   '517000'   '518210'   '519100'   '522110'   '522120'   '522130'   '522190'   '522210'   '522220'   '522291'   '522292'   '522293'   '522294'   '522298'   '522300'   '523110'   '523120'   '523130'   '523140'   '523210'   '523900'   '524140'   '524150'   '524210'   '524290'   '525100'   '525910'   '525920'   '525990'   '531110'   '531114'   '531120'   '531130'   '531190'   '531210'   '531310'   '531320'   '531390'   '532100'   '532210'   '532220'   '532230'   '532290'   '532310'   '532400'   '533110'   '541110'   '541190'   '541211'   '541213'   '541214'   '541219'   '541310'   '541320'   '541330'   '541340'   '541350'   '541360'   '541370'   '541380'   '541400'   '541511'   '541512'   '541513'   '541519'   '541600'   '541700'   '541800'   '541910'   '541920'   '541930'   '541940'   '541990'   '551111'   '551112'   '561110'   '561210'   '561300'   '561410'   '561420'   '561430'   '561440'   '561450'   '561490'   '561500'   '561600'   '561710'   '561720'   '561730'   '561740'   '561790'   '561900'   '562000'   '611000'   '621111'   '621112'   '621210'   '621310'   '621320'   '621330'   '621340'   '621391'   '621399'   '621410'   '621420'   '621491'   '621492'   '621493'   '621498'   '621510'   '621610'   '621900'   '622000'   '623000'   '624100'   '624200'   '624310'   '624410'   '711100'   '711210'   '711300'   '711410'   '711510'   '712100'   '713100'   '713200'   '713900'   '721110'   '721120'   '721191'   '721199'   '721210'   '721210'   '722110'   '722210'   '722300'   '722410'   '811110'   '811120'   '811190'   '811210'   '811310'   '811410'   '811420'   '811430'   '811490'   '812111'   '812112'   '812113'   '812190'   '812210'   '812220'   '812310'   '812320'   '812330'   '812910'   '812920'   '812930'   '812990'   '813000'}</li></ul>
Documentation	<p>Elements of this type represent the allowed NAICS Codes.</p> <p>Allowed values (code - Title) are:</p> <p>NA - Not Applicable</p> <p>111100 - Oilseed &amp; Grain Farming</p> <p>112120 - Vegetable &amp; Melon Farming (including potatoes &amp; yams)</p> <p>111300 - Fruit &amp; Tree Nut Farming</p> <p>111400 - Greenhouse, Nursery, &amp; Floriculture Production</p> <p>111900 - Other Crop Farming (including tobacco, cotton, sugarcane, hay, peanut, sugar beet &amp; all other crop farming)</p> <p>112111 - Beef Cattle Ranching &amp; Farming</p> <p>112112 - Cattle Feedlots</p> <p>112120 - Dairy Cattle &amp; Milk Production</p> <p>112210 - Hog &amp; Pig Farming</p> <p>112300 - Poultry &amp; Egg Production</p> <p>112400 - Sheep &amp; Goat Farming</p> <p>112510 - Aquaculture (including shellfish &amp; finfish farms &amp; hatcheries)</p> <p>112900 - Other Animal Production</p> <p>113110 - Timber Tract Operations</p> <p>113210 - Forest Nurseries &amp; Gathering of Forest Products</p> <p>113310 - Logging</p> <p>114110 - Fishing</p> <p>114210 - Hunting &amp; Trapping</p>

115110 - Support Activities for Crop Production (including cotton ginning, soil preparation, planting, & cultivating)

115210 - Support Activities for Animal Production

115310 - Support Activities For Forestry

211110 - Oil & Gas Extraction

212110 - Coal Mining

212200 - Metal Ore Mining

212310 - Stone Mining & Quarrying

212320 - Sand, Gravel, Clay, & Ceramic & Refractory Minerals Mining & Quarrying

212390 - Other Nonmetallic Mineral Mining & Quarrying

213110 - Support Activities for Mining

221100 - Electric Power Generation, Transmission & Distribution

221210 - Natural Gas Distribution

221300 - Water, Sewage & Other Systems

221500 - Combination Gas & Electric

236110 - Residential Building Construction

236200 - Nonresidential Building Construction

237100 - Utility System Construction

237210 - Land Subdivision

237310 - Highway, Street, & Bridge Construction

237990 - Other Heavy & Civil Engineering Construction Specialty Trade Contractors

238100 - Foundation, Structure, & Building Exterior Contractors (including framing carpentry, masonry, glass, roofing, & siding)

238210 - Electrical Contractors

238220 - Plumbing, Heating, & Air-Conditioning Contractors

238290 - Other Building Equipment Contractors

238300 - Building Finishing Contractors (including drywall, insulation, painting, wallcovering, flooring, tile, & finish carpentry)

238900 - Other Specialty Trade Contractors (including site preparation)

311110 - Animal Food Mfg

311200 - Grain & Oilseed Milling

311300 - Sugar & Confectionery Product Mfg

311400 - Fruit & Vegetable Preserving & Specialty Food Mfg

311500 - Dairy Product Mfg

311610 - Animal Slaughtering and Processing

311710 - Seafood Product Preparation & Packaging

311800 - Bakeries & Tortilla Mfg

311900 - Other Food Mfg (including coffee, tea, flavorings & seasonings)

312110 - Soft Drink & Ice Mfg

312120 - Breweries

312130 - Wineries

312140 - Distilleries

312200 - Tobacco Manufacturing

313000 - Textile Mills

314000 - Textile Product Mills

315100 - Apparel Knitting Mills

315210 - Cut & Sew Apparel Contractors

315220 - Men's & Boys' Cut & Sew Apparel Mfg

315230 - Women's & Girls' Cut & Sew Apparel Mfg

315290 - Other Cut & Sew Apparel Mfg

315990 - Apparel Accessories & Other Apparel Mfg

316110 - Leather & Hide Tanning & Finishing

316210 - Footwear Mfg (including rubber & plastics)

316990 - Other Leather & Allied Product Mfg

321110 - Sawmills & Wood Preservation

321210 - Veneer, Plywood, & Engineered Wood Product Mfg

321900 - Other Wood Product Mfg

322100 - Pulp, Paper, & Paperboard Mills

322200 - Converted Paper Product Mfg

323100 - Printing & Related Support Activities

324110 - Petroleum Refineries (including integrated)

324120 - Asphalt Paving, Roofing, & Saturated Materials Mfg

324190 - Other Petroleum & Coal Products Mfg

325100 - Basic Chemical Mfg

325200 - Resin, Synthetic Rubber, & Artificial & Synthetic Fibers & Filaments Mfg

325300 - Pesticide, Fertilizer, & Other Agricultural Chemical Mfg

325410 - Pharmaceutical & Medicine Mfg

325500 - Paint, Coating, & Adhesive Mfg

325600 - Soap, Cleaning Compound, & Toilet Preparation Mfg

325900 - Other Chemical Product & Preparation Mfg

326100 - Plastics Product Mfg

326200 - Rubber Product Mfg

327100 - Clay Product & Refractory Mfg

327210 - Glass & Glass Product Mfg

327300 - Cement & Concrete Product Mfg

327400 - Lime & Gypsum Product Mfg

327900 - Other Nonmetallic Mineral Product Mfg

331110 - Iron & Steel Mills & Ferroalloy Mfg

331200 - Steel Product Mfg from Purchased Steel

331310 - Alumina & Aluminum Production & Processing

331400 - Nonferrous Metal (except Aluminum) Production & Processing  
 331500 - Foundries  
 332110 - Forging & Stamping  
 332210 - Cutlery & Handtool Mfg  
 332300 - Architectural & Structural Metals Mfg  
 332400 - Boiler, Tank, & Shipping Container Mfg  
 332510 - Hardware Mfg  
 332610 - Spring & Wire Product Mfg  
 332700 - Machine Shops; Turned Product; & Screw, Nut, & Bolt Mfg  
 332810 - Coating, Engraving, Heat Treating, & Allied Activities  
 332900 - Other Fabricated Metal Product Mfg  
 333100 - Agriculture, Construction, & Mining Machinery Mfg  
 333200 - Industrial Machinery Mfg  
 333310 - Commercial & Service Industry Machinery Mfg  
 333410 - Ventilation, Heating, Air-Conditioning, & Commercial Refrigeration Equipment Mfg  
 333510 - Metalworking Machinery Mfg  
 333610 - Engine, Turbine & Power Transmission Equipment Mfg  
 333900 - Other General Purpose Machinery Mfg  
 334110 - Computer & Peripheral Equipment Mfg  
 334200 - Communications Equipment Mfg  
 334310 - Audio & Video Equipment Mfg  
 334410 - Semiconductor & Other Electronic Component Mfg  
 334500 - Navigational, Measuring, Electromedical, & Control Instruments Mfg  
 334610 - Manufacturing & Reproducing Magnetic & Optical Media  
 335100 - Electric Lighting Equipment Mfg  
 335200 - Household Appliance Mfg  
 335310 - Electrical Equipment Mfg  
 335900 - Other Electrical Equipment & Component Mfg  
 336100 - Motor Vehicle Mfg  
 336210 - Motor Vehicle Body & Trailer Mfg  
 336300 - Motor Vehicle Parts Mfg  
 336410 - Aerospace Product & Parts Mfg  
 336510 - Railroad Rolling Stock Mfg  
 336610 - Ship & Boat Building  
 336990 - Other Transportation Equipment Mfg  
 337000 - Furniture & Related Product Manufacturing  
 339110 - Medical Equipment & Supplies Mfg  
 339900 - Other Miscellaneous Manufacturing  
 423100 - Motor Vehicle & Motor Vehicle Parts & Supplies  
 423200 - Furniture & Home Furnishings  
 423300 - Lumber & Other Construction Materials  
 423400 - Professional & Commercial Equipment & Supplies  
 423500 - Metal & Mineral (except Petroleum)  
 423600 - Electrical & Electronic Goods  
 423700 - Hardware, & Plumbing & Heating Equipment & Supplies  
 423800 - Machinery, Equipment, & Supplies  
 423910 - Sporting & Recreational Goods & Supplies  
 423920 - Toy & Hobby Goods & Supplies  
 423930 - Recyclable Materials  
 423940 - Jewelry, Watch, Precious Stone, & Precious Metals  
 423990 - Other Miscellaneous Durable Goods  
 424100 - Paper & Paper Products  
 424210 - Drugs & Druggists' Sundries  
 424300 - Apparel, Piece Goods, & Notions  
 424400 - Grocery & Related Products  
 424500 - Farm Product Raw Materials  
 424600 - Chemical & Allied Products  
 424700 - Petroleum & Petroleum Products  
 424800 - Beer, Wine, & Distilled Alcoholic Beverages  
 424910 - Farm Supplies  
 424920 - Book, Periodical, & Newspapers  
 424930 - Flower, Nursery Stock, & Florists' Supplies  
 424940 - Tobacco & Tobacco Products  
 424950 - Paint, Varnish, & Supplies  
 424990 - Other Miscellaneous Nondurable Goods  
 425110 - Business to Business Electronic Markets  
 425120 - Wholesale Trade Agents & Brokers  
 441110 - New Car Dealers  
 441120 - Used Car Dealers  
 441210 - Recreational Vehicle Dealers  
 441221 - Motorcycle Dealers  
 441222 - Boat Dealers  
 441229 - All Other Motor Vehicle Dealers  
 441300 - Automotive Parts, Accessories, & Tire Stores  
 442110 - Furniture Stores  
 442210 - Floor Covering Stores  
 442291 - Window Treatment Stores  
 442299 - All Other Home Furnishings Stores  
 443111 - Household Appliance Stores  
 443112 - Radio, Television, & Other Electronics Stores

443120 - Computer & Software Stores  
 443130 - Camera & Photographic Supplies Stores  
 444110 - Home Centers  
 444120 - Paint & Wallpaper Stores  
 444130 - Hardware Stores  
 444190 - Other Building Material Dealers  
 444200 - Lawn & Garden Equipment & Supplies Stores  
 445110 - Supermarkets and Other Grocery (except Convenience) Stores  
 445120 - Convenience Stores  
 445210 - Meat Markets  
 445220 - Fish & Seafood Markets  
 445230 - Fruit & Vegetable Markets  
 445291 - Baked Goods Stores  
 445292 - Confectionery & Nut Stores  
 445299 - All Other Specialty Food Stores  
 445310 - Beer, Wine, & Liquor Stores  
 446110 - Pharmacies & Drug Stores  
 446120 - Cosmetics, Beauty Supplies, & Perfume Stores  
 446130 - Optical Goods Stores  
 446190 - Other Health & Personal Care Stores  
 447100 - Gasoline Stations (including convenience stores with gas)  
 448110 - Men's Clothing Stores  
 448120 - Women's Clothing Stores  
 448130 - Children's & Infants' Clothing Stores  
 448140 - Family Clothing Stores  
 448150 - Clothing Accessories Stores  
 448190 - Other Clothing Stores  
 448210 - Shoe Stores  
 448310 - Jewelry Stores  
 448320 - Luggage & Leather Goods Stores  
 451110 - Sporting Goods Stores  
 451120 - Hobby, Toy, & Game Stores  
 451130 - Sewing, Needlework, & Piece Goods Stores  
 451140 - Musical Instrument & Supplies Stores  
 451211 - Book Stores  
 451212 - News Dealers & Newsstands  
 451220 - Prerecorded Tape, Compact Disc, & Record Stores  
 452110 - Department Stores  
 452900 - Other General Merchandise Stores  
 453110 - Florists  
 453210 - Office Supplies & Stationery Stores  
 453220 - Gift, Novelty, & Souvenir Stores  
 453310 - Used Merchandise Stores  
 453910 - Pet & Pet Supplies Stores  
 453920 - Art Dealers  
 453930 - Manufactured (Mobile) Home Dealers  
 453990 - All Other Miscellaneous Store Retailers (including tobacco, candle, & trophy shops)  
 454110 - Electronic Shopping & Mail-Order Houses  
 454210 - Vending Machine Operators  
 454311 - Heating Oil Dealers  
 454312 - Liquefied Petroleum Gas (Bottled Gas) Dealers  
 454319 - Other Fuel Dealers  
 454390 - Other Direct Selling Establishments (including door-to-door retailing, frozen food plan providers, party plan merchandisers, & coffee-break service providers)  
 481000 - Air Transportation  
 482110 - Rail Transportation  
 483000 - Water Transportation  
 484110 - General Freight Trucking, Local  
 484120 - General Freight Trucking, Long-distance  
 484200 - Specialized Freight Trucking  
 485110 - Urban Transit Systems  
 485210 - Interurban & Rural Bus Transportation  
 485310 - Taxi Service  
 485320 - Limousine Service  
 485410 - School & Employee Bus Transportation  
 485510 - Charter Bus Industry  
 485990 - Other Transit & Ground Passenger Transportation  
 486000 - Pipeline Transportation  
 487000 - Scenic & Sightseeing Transportation  
 488100 - Support Activities for Air Transportation  
 488210 - Support Activities for Rail Transportation  
 488300 - Support Activities for Water Transportation  
 488410 - Motor Vehicle Towing  
 488490 - Other Support Activities for Road Transportation  
 488510 - Freight Transportation Arrangement  
 488990 - Other Support Activities for Transportation  
 492110 - Couriers  
 492210 - Local Messengers & Local Delivery  
 493100 - Warehousing & Storage (except lessors of miniwarehouses & self-storage units)  
 511110 - Newspaper Publishers

511120 - Periodical Publishers  
 511130 - Book Publishers  
 511140 - Directory & Mailing List Publishers  
 511190 - Other Publishers  
 511210 - Software Publishers  
 512100 - Motion Picture & Video Industries (except video rental)  
 512200 - Sound Recording Industries  
 515100 - Radio & Television Broadcasting  
 515210 - Cable & Other Subscription Programming  
 517000 - Telecommunications (including paging, cellular, satellite, cable & other program distribution, resellers, other telecommunications, & Internet service providers) Data Processing Services  
 518210 - Data Processing, Hosting, & Related Services  
 519100 - Other Information Services (including news syndicates, libraries, Internet publishing & broadcasting)  
 522110 - Commercial Banking  
 522120 - Savings Institutions  
 522130 - Credit Unions  
 522190 - Other Depository Credit Intermediation  
 522210 - Credit Card Issuing  
 522220 - Sales Financing  
 522291 - Consumer Lending  
 522292 - Real Estate Credit (including mortgage bankers & originators)  
 522293 - International Trade Financing  
 522294 - Secondary Market Financing  
 522298 - All Other Nondepository Credit Intermediation  
 522300 - Activities Related to Credit Intermediation (including loan brokers, check clearing, & money transmitting)  
 523110 - Investment Banking & Securities Dealing  
 523120 - Securities Brokerage  
 523130 - Commodity Contracts Dealing  
 523140 - Commodity Contracts Brokerage  
 523210 - Securities & Commodity Exchanges  
 523900 - Other Financial Investment Activities (including portfolio management & investment advice)  
 524140 - Direct Life, Health, & Medical Insurance & Reinsurance Carriers  
 524150 - Direct Insurance & Reinsurance (except Life, Health & Medical) Carriers  
 524210 - Insurance Agencies & Brokerages  
 524290 - Other Insurance Related Activities (including third-party administration of insurance and pension funds)  
 525100 - Insurance & Employee Benefit Funds  
 525910 - Open-End Investment Funds (Form 1120-RIC)  
 525920 - Trusts, Estates, & Agency Accounts  
 525990 - Other Financial Vehicles (including mortgage REITs & closed-end investment funds)  
 531110 - Lessors of Residential Buildings & Dwellings (including equity REITs)  
 531114 - Cooperative Housing (including equity REITs)  
 531120 - Lessors of Nonresidential Buildings (except Miniwarehouses) (including equity REITs)  
 531130 - Lessors of Miniwarehouses & Self-Storage Units (including equity REITs)  
 531190 - Lessors of Other Real Estate Property (including equity REITs)  
 531210 - Offices of Real Estate Agents & Brokers  
 531310 - Real Estate Property Managers  
 531320 - Offices of Real Estate Appraisers  
 531390 - Other Activities Related to Real Estate  
 532100 - Automotive Equipment Rental & Leasing  
 532210 - Consumer Electronics & Appliances Rental  
 532220 - Formal Wear & Costume Rental  
 532230 - Video Tape & Disc Rental  
 532290 - Other Consumer Goods Rental  
 532310 - General Rental Centers  
 532400 - Commercial & Industrial Machinery & Equipment Rental & Leasing  
 533110 - Lessors of Nonfinancial Intangible Assets (except copyrighted works)  
 541110 - Offices of Lawyers  
 541190 - Other Legal Services  
 541211 - Offices of Certified Public Accountants  
 541213 - Tax Preparation Services  
 541214 - Payroll Services  
 541219 - Other Accounting Services  
 541310 - Architectural Services  
 541320 - Landscape Architecture Services  
 541330 - Engineering Services  
 541340 - Drafting Services  
 541350 - Building Inspection Services  
 541360 - Geophysical Surveying & Mapping Services  
 541370 - Surveying & Mapping (except Geophysical) Services  
 541380 - Testing Laboratories  
 541400 - Specialized Design Services (including interior, industrial, graphic, & fashion design)  
 541511 - Custom Computer Programming Services  
 541512 - Computer Systems Design Services  
 541513 - Computer Facilities Management Services  
 541519 - Other Computer Related Services  
 541600 - Management, Scientific, & Technical Consulting Services  
 541700 - Scientific Research & Development Services  
 541800 - Advertising & Related Services



541910 - Marketing Research & Public Opinion Polling  
 541920 - Photographic Services  
 541930 - Translation & Interpretation Services  
 541940 - Veterinary Services  
 541990 - All Other Professional, Scientific, & Technical Services Management of Companies (Holding Companies)  
 551111 - Offices of Bank Holding Companies  
 551112 - Offices of Other Holding Companies  
 561110 - Office Administrative Services  
 561210 - Facilities Support Services  
 561300 - Employment Services  
 561410 - Document Preparation Services  
 561420 - Telephone Call Centers  
 561430 - Business Service Centers (including private mail centers & copy shops)  
 561440 - Collection Agencies  
 561450 - Credit Bureaus  
 561490 - Other Business Support Services (including repossession services, court reporting, & stenotype services)  
 561500 - Travel Arrangement & Reservation Services  
 561600 - Investigation & Security Services  
 561710 - Exterminating & Pest Control Services  
 561720 - Janitorial Services  
 561730 - Landscaping Services  
 561740 - Carpet & Upholstery Cleaning Services  
 561790 - Other Services to Buildings & Dwellings  
 561900 - Other Support Services (including packaging & labeling services, & convention & trade show organizers)  
 562000 - Waste Management & Remediation Services Educational Services  
 611000 - Educational Services (including schools, colleges, & universities)  
 621111 - Offices of Physicians (except mental health specialists)  
 621112 - Offices of Physicians, Mental Health Specialists  
 621210 - Offices of Dentists  
 621310 - Offices of Chiropractors  
 621320 - Offices of Optometrists  
 621330 - Offices of Mental Health Practitioners (except Physicians)  
 621340 - Offices of Physical, Occupational & Speech Therapists, & Audiologists  
 621391 - Offices of Podiatrists  
 621399 - Offices of All Other Miscellaneous Health Practitioners  
 621410 - Family Planning Centers  
 621420 - Outpatient Mental Health & Substance Abuse Centers  
 621491 - HMO Medical Centers  
 621492 - Kidney Dialysis Centers  
 621493 - Freestanding Ambulatory Surgical & Emergency Centers  
 621498 - All Other Outpatient Care Centers  
 621510 - Medical & Diagnostic Laboratories  
 621610 - Home Health Care Services  
 621900 - Other Ambulatory Health Care Services (including ambulance services & blood & organ banks)  
 622000 - Hospitals  
 623000 - Nursing & Residential Care Facilities  
 624100 - Individual & Family Services  
 624200 - Community Food & Housing, & Emergency & Other Relief Services  
 624310 - Vocational Rehabilitation Services  
 624410 - Child Day Care Services  
 711100 - Performing Arts Companies  
 711210 - Spectator Sports (including sports clubs & racetracks)  
 711300 - Promoters of Performing Arts, Sports, & Similar Events  
 711410 - Agents & Managers for Artists, Athletes, Entertainers, & Other Public Figures  
 711510 - Independent Artists, Writers, & Performers  
 712100 - Museums, Historical Sites, & Similar Institutions  
 713100 - Amusement Parks & Arcades  
 713200 - Gambling Industries  
 713900 - Other Amusement & Recreation Industries (including golf courses, skiing facilities, marinas, fitness centers, & bowling centers)  
 721110 - Hotels (except Casino Hotels) & Motels  
 721120 - Casino Hotels  
 721191 - Bed & Breakfast Inns  
 721199 - All Other Traveler Accommodation  
 721210 - RV (Recreational Vehicle) Parks & Recreational Camps  
 721310 - Rooming & Boarding Houses  
 722110 - Full-Service Restaurants  
 722210 - Limited-Service Eating Places  
 722300 - Special Food Services (including food service contractors & caterers)  
 722410 - Drinking Places (Alcoholic Beverages)  
 811110 - Automotive Mechanical & Electrical Repair & Maintenance  
 811120 - Automotive Body, Paint, Interior, & Glass Repair  
 811190 - Other Automotive Repair & Maintenance (including oil change & lubrication shops & car washes)  
 811210 - Electronic & Precision Equipment Repair & Maintenance  
 811310 - Commercial & Industrial Machinery & Equipment (except Automotive & Electronic) Repair & Maintenance  
 811410 - Home & Garden Equipment & Appliance Repair & Maintenance

811420 - Reupholstery & Furniture Repair  
 811430 - Footwear & Leather Goods Repair  
 811490 - Other Personal & Household Goods Repair & Maintenance  
 812111 - Barber Shops  
 812112 - Beauty Salons  
 812113 - Nail Salons  
 812190 - Other Personal Care Services (including diet & weight reducing centers)  
 812210 - Funeral Homes & Funeral Services  
 812220 - Cemeteries & Crematories  
 812310 - Coin-Operated Laundries & Drycleaners  
 812320 - Drycleaning & Laundry Services (except Coin-Operated)  
 812330 - Linen & Uniform Supply  
 812910 - Pet Care (except Veterinary) Services  
 812920 - Photofinishing  
 812930 - Parking Lots & Garages  
 812990 - All Other Personal Services  
 813000 - Religious, Grantmaking, Civic, Professional, & Similar Organizations (including condominium and homeowners associations)

## Schema Component Representation

```

<xsd:simpleType name="NAICSCodeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="NA" />
    <xsd:enumeration value="111100" />
    <xsd:enumeration value="111210" />
    <xsd:enumeration value="111300" />
    <xsd:enumeration value="111400" />
    <xsd:enumeration value="111900" />
    <xsd:enumeration value="112111" />
    <xsd:enumeration value="112112" />
    <xsd:enumeration value="112120" />
    <xsd:enumeration value="112210" />
    <xsd:enumeration value="112300" />
    <xsd:enumeration value="112400" />
    <xsd:enumeration value="112510" />
    <xsd:enumeration value="112900" />
    <xsd:enumeration value="113110" />
    <xsd:enumeration value="113210" />
    <xsd:enumeration value="113310" />
    <xsd:enumeration value="114110" />
    <xsd:enumeration value="114210" />
    <xsd:enumeration value="115110" />
    <xsd:enumeration value="115210" />
    <xsd:enumeration value="115310" />
    <xsd:enumeration value="211110" />
    <xsd:enumeration value="212110" />
    <xsd:enumeration value="212200" />
    <xsd:enumeration value="212310" />
    <xsd:enumeration value="212320" />
    <xsd:enumeration value="212390" />
    <xsd:enumeration value="213110" />
    <xsd:enumeration value="221100" />
    <xsd:enumeration value="221210" />
    <xsd:enumeration value="221300" />
    <xsd:enumeration value="221500" />
    <xsd:enumeration value="236110" />
    <xsd:enumeration value="236200" />
    <xsd:enumeration value="237100" />
    <xsd:enumeration value="237210" />
    <xsd:enumeration value="237310" />
    <xsd:enumeration value="237990" />
    <xsd:enumeration value="238100" />
    <xsd:enumeration value="238210" />
    <xsd:enumeration value="238220" />
    <xsd:enumeration value="238290" />
    <xsd:enumeration value="238300" />
    <xsd:enumeration value="238900" />
    <xsd:enumeration value="311110" />
    <xsd:enumeration value="311200" />
    <xsd:enumeration value="311300" />
    <xsd:enumeration value="311400" />
    <xsd:enumeration value="311500" />
    <xsd:enumeration value="311610" />
    <xsd:enumeration value="311710" />
    <xsd:enumeration value="311800" />
    <xsd:enumeration value="311900" />
    <xsd:enumeration value="312110" />
    <xsd:enumeration value="312120" />
    <xsd:enumeration value="312130" />
  
```





[illegible]





```
<xsd:enumeration value="623000"/>
<xsd:enumeration value="624100"/>
<xsd:enumeration value="624200"/>
<xsd:enumeration value="624310"/>
<xsd:enumeration value="624410"/>
<xsd:enumeration value="711100"/>
<xsd:enumeration value="711210"/>
<xsd:enumeration value="711300"/>
<xsd:enumeration value="711410"/>
<xsd:enumeration value="711510"/>
<xsd:enumeration value="712100"/>
<xsd:enumeration value="713100"/>
<xsd:enumeration value="713200"/>
<xsd:enumeration value="713900"/>
<xsd:enumeration value="721110"/>
<xsd:enumeration value="721120"/>
<xsd:enumeration value="721191"/>
<xsd:enumeration value="721199"/>
<xsd:enumeration value="721210"/>
<xsd:enumeration value="721310"/>
<xsd:enumeration value="722110"/>
<xsd:enumeration value="722210"/>
<xsd:enumeration value="722300"/>
<xsd:enumeration value="722410"/>
<xsd:enumeration value="811110"/>
<xsd:enumeration value="811120"/>
<xsd:enumeration value="811190"/>
<xsd:enumeration value="811210"/>
<xsd:enumeration value="811310"/>
<xsd:enumeration value="811410"/>
<xsd:enumeration value="811420"/>
<xsd:enumeration value="811430"/>
<xsd:enumeration value="811490"/>
<xsd:enumeration value="812111"/>
<xsd:enumeration value="812112"/>
<xsd:enumeration value="812113"/>
<xsd:enumeration value="812190"/>
<xsd:enumeration value="812210"/>
<xsd:enumeration value="812220"/>
<xsd:enumeration value="812310"/>
<xsd:enumeration value="812320"/>
<xsd:enumeration value="812330"/>
<xsd:enumeration value="812910"/>
<xsd:enumeration value="812920"/>
<xsd:enumeration value="812930"/>
<xsd:enumeration value="812990"/>
<xsd:enumeration value="813000"/>
</xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **NFAFirmIDType**

Super-types:	<a href="#">xs:string</a> < <b>NFAFirmIDType</b> (by restriction)
Sub-types:	None

Name	NFAFirmIDType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>pattern</i> = [0-9]{7,7}</li><li>• <i>length</i> = 7</li></ul>

Schema Component Representation

```
<xsd:simpleType name="NFAFirmIDType">
  <xsd:restriction base="xs:string">
    <xsd:length value="7"/>
    <xsd:pattern value="[0-9]{7,7}"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: NFAFundIDType

Super-types:	<a href="#">xs:string</a> < NFAFundIDType (by restriction)
Sub-types:	None

Name	NFAFundIDType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>pattern = [a-zA-Z0-9]{7,7}</li><li>length = 7</li></ul>

Schema Component Representation

```
<xsd:simpleType name="NFAFundIDType">
  <xsd:restriction base="xs:string">
    <xsd:length value="7"/>
    <xsd:pattern value="[a-zA-Z0-9]{7,7}"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **NonVaRRiskMetricCodeType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>NonVaRRiskMetricCodeType</b> (by restriction)
Sub-types:	None

Name	NonVaRRiskMetricCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'NONE'   'OTH'   'CASH_RISK'   'CS01'   'DEF_BETA'   'DV01'   'EARN_RISK'   'XPCTD_SHRTFALL'   'INFLATION'   'INFO_RATIO'   'KURTOSIS'   'LQDTY_AJSTD'   'MARGINAL'   'MAX'   'NET_EQTY'   'OMEGA_RATIO'   'PROFIT'   'RESIDUE'   'RISK_LEVERAGE'   'SCENARIO'   'SEMI_DVTN'   'SHARPE'   'SKEWNESS'   'SORTINO'   'STD'   'STRESS'}</li></ul>
Documentation	<p>Non-VaR Risk Metric type codes for liquidity funds. Allowed values (code-description) are:</p> <p>NONE - None OTH - Other CASH_RISK - Cashflow-at-risk CS01 - CS01 DEF_BETA - Default spread beta DV01 - DV01 EARN_RISK - Earnings-at-risk XPCTD_SHRTFALL - Expected shortfall INFLATION - Inflation beta INFO_RATIO - Information Ratio KURTOSIS - Kurtosis LQDTY_AJSTD - Liquidity Adjusted Value at Risk MARGINAL - Marginal expected shortfall MAX - Maximum Drawdown (period specific, over a quarter, or over a year) NET_EQTY - Net equity delta OMEGA_RATIO - Omega Ratio PROFIT - Profit-at-risk RESIDUE - Residual risk RISK_LEVERAGE - Risk based leverage SCENARIO - Scenario Analysis SEMI_DVTN - Semideviation SHARPE - Sharpe Ratio SKEWNESS - Skewness SORTINO - Sortino Ratio STD - Standard deviation STRESS - Stress Var/Stress test</p>

Schema Component Representation

```
<xsd:simpleType name="NonVaRRiskMetricCodeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="NONE"/>
    <xsd:enumeration value="OTH"/>
    <xsd:enumeration value="CASH_RISK"/>
    <xsd:enumeration value="CS01"/>
    <xsd:enumeration value="DEF_BETA"/>
    <xsd:enumeration value="DV01"/>
    <xsd:enumeration value="EARN_RISK"/>
    <xsd:enumeration value="XPCTD_SHRTFALL"/>
    <xsd:enumeration value="INFLATION"/>
    <xsd:enumeration value="INFO_RATIO"/>
    <xsd:enumeration value="KURTOSIS"/>
    <xsd:enumeration value="LQDTY_AJSTD"/>
    <xsd:enumeration value="MARGINAL"/>
    <xsd:enumeration value="MAX"/>
    <xsd:enumeration value="NET_EQTY"/>
    <xsd:enumeration value="OMEGA_RATIO"/>
    <xsd:enumeration value="PROFIT"/>
    <xsd:enumeration value="RESIDUE"/>
    <xsd:enumeration value="RISK_LEVERAGE"/>
    <xsd:enumeration value="SCENARIO"/>
    <xsd:enumeration value="SEMI_DVTN"/>
    <xsd:enumeration value="SHARPE"/>
    <xsd:enumeration value="SKEWNESS"/>
    <xsd:enumeration value="SORTINO"/>
    <xsd:enumeration value="STD"/>
    <xsd:enumeration value="STRESS"/>
  </xsd:restriction>
</xsd:simpleType>
```





Simple Type: **PercentType**

Super-types:	<a href="#">xs:unsignedByte</a> < <b>PercentType</b> (by restriction)
Sub-types:	None

Name	PercentType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: unsignedByte</li><li>• <i>value</i> &lt;= 100</li><li>• <i>total no. of digits</i> = 3</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PercentType">
  <xsd:restriction base="xs:unsignedByte">
    <xsd:totalDigits value="3"/>
    <xsd:maxInclusive value="100"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PercentType2**

Super-types:	<a href="#">xsd:decimal</a> < <b>PercentType2</b> (by restriction)
Sub-types:	None

Name	PercentType2
Content	<ul style="list-style-type: none"><li>• Base XSD Type: decimal</li><li>• 0 &lt;= <i>value</i> &lt;= 100</li><li>• <i>total no. of digits</i> = 8</li><li>• <i>no. of fraction digits</i> = 4</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PercentType2">
  <xsd:restriction base="xsd:decimal">
    <xsd:totalDigits value="8"/>
    <xsd:maxInclusive value="100"/>
    <xsd:fractionDigits value="4"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: PositiveDecimalRestricted10p2Type

Super-types:	<a href="#">xs:decimal</a> < PositiveDecimalRestricted10p2Type (by restriction)
Sub-types:	None

Name	PositiveDecimalRestricted10p2Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li><math>0 &lt; value &lt; 10000000000</math></li><li>total no. of digits = 12</li><li>no. of fraction digits = 2</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted10p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="12"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000"/>
    <xsd:minExclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveDecimalRestricted12p2RequiredDecimalType**

Super-types:	<a href="#">xs:decimal</a> < <b>PositiveDecimalRestricted12p2RequiredDecimalType</b> (by restriction)
Sub-types:	None

Name	PositiveDecimalRestricted12p2RequiredDecimalType
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li><i>pattern</i> = <code>\d{1,12}(\.\d{2,2})</code></li><li><i>value</i> &gt; 0</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted12p2RequiredDecimalType">  
  <xsd:restriction base="xs:decimal">  
    <xsd:minExclusive value="0"/>  
    <xsd:pattern value="\d{1,12}(\.\d{2,2})"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **PositiveDecimalRestricted15p1Type**

Super-types:	<a href="#">xs:decimal</a> < <b>PositiveDecimalRestricted15p1Type</b> (by restriction)
Sub-types:	None

Name	PositiveDecimalRestricted15p1Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= <i>value</i> &lt; 10000000000000000</li><li><i>total no. of digits</i> = 16</li><li><i>no. of fraction digits</i> = 1</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted15p1Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="16"/>
    <xsd:fractionDigits value="1"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveDecimalRestricted15p2Type**

Super-types:	<a href="#">xs:decimal</a> < <b>PositiveDecimalRestricted15p2Type</b> (by restriction)
Sub-types:	None

Name	PositiveDecimalRestricted15p2Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= <i>value</i> &lt; 10000000000000000</li><li><i>total no. of digits</i> = 17</li><li><i>no. of fraction digits</i> = 2</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted15p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="17"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveDecimalRestricted15p4Type**

Super-types:	<a href="#">xs:decimal</a> < <b>PositiveDecimalRestricted15p4Type</b> (by restriction)
Sub-types:	None

Name	PositiveDecimalRestricted15p4Type
Content	<ul style="list-style-type: none"><li>• Base XSD Type: decimal</li><li>• <math>0 &lt; value &lt; 10000000000000000</math></li><li>• <i>no. of fraction digits</i> = 4</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveDecimalRestricted15p4Type">
  <xsd:restriction base="xs:decimal">
    <xsd:fractionDigits value="4"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minExclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveIntRestricted4Type**

Super-types:	<a href="#">xs:unsignedInt</a> < <b>PositiveIntRestricted4Type</b> (by restriction)
Sub-types:	None

Name	PositiveIntRestricted4Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: unsignedInt</li><li><i>value</i> &gt; 0</li><li><i>total no. of digits</i> = 4</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveIntRestricted4Type">
  <xsd:restriction base="xs:unsignedInt">
    <xsd:totalDigits value="4"/>
    <xsd:minExclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveIntRestricted8Type**

Super-types:	<a href="#">xs:unsignedInt</a> < <b>PositiveIntRestricted8Type</b> (by restriction)
Sub-types:	None

Name	PositiveIntRestricted8Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: unsignedInt</li><li><i>value</i> &gt; 0</li><li><i>total no. of digits</i> = 8</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveIntRestricted8Type">
  <xsd:restriction base="xs:unsignedInt">
    <xsd:totalDigits value="8"/>
    <xsd:minExclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveLongRestricted10Type**

Super-types:	<a href="#">xsd:unsignedLong</a> < <b>PositiveLongRestricted10Type</b> (by restriction)
Sub-types:	None

Name	PositiveLongRestricted10Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li><i>value</i> &gt; 0</li><li><i>total no. of digits</i> = 10</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveLongRestricted10Type">
  <xsd:restriction base="xsd:unsignedLong">
    <xsd:totalDigits value="10"/>
    <xsd:minExclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **PositiveLongRestricted15Type**

Super-types:	<a href="#">xsd:unsignedLong</a> < <b>PositiveLongRestricted15Type</b> (by restriction)
Sub-types:	None

Name	PositiveLongRestricted15Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li><i>value</i> &gt; 0</li><li><i>total no. of digits</i> = 15</li></ul>

Schema Component Representation

```
<xsd:simpleType name="PositiveLongRestricted15Type">
  <xsd:restriction base="xsd:unsignedLong">
    <xsd:totalDigits value="15"/>
    <xsd:minExclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **RelatedPersonTypeType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>RelatedPersonTypeType</b> (by restriction)
Sub-types:	None

Name	RelatedPersonTypeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'RGSTD_ERA'   'CPO_CTA'   'RELY_SPV'}</li></ul>
Documentation	Elements of this type represent the related person type Allowed values are: RGSTD_ERA - SEC Registered Adviser or ERA active firm CPO_CTA - Commodity Pool Operator or Commodity Trading advisor RELY_SPV - Relying Adviser or Special Purpose Vehicle

Schema Component Representation

```
<xsd:simpleType name="RelatedPersonTypeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="RGSTD_ERA"/>  
    <xsd:enumeration value="CPO_CTA"/>  
    <xsd:enumeration value="RELY_SPV"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: RepoCategoryType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>RepoCategoryType</b> (by restriction)
Sub-types:	None

Name	RepoCategoryType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy:</i> <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'ABS'   'AGNCY_CMO'   'AGNCY_DBNTR_STRP'   'AGNCY_MBS'   'PRVT_LABEL_CMO'   'CRPRT_DEBT_SCRTS'   'EQTY'   'MONEY_MRKT'   'US_TRSRY'   'OTHER'   'NA'}</li></ul>
Documentation	Elements of this type represent Repo Category Type (Section 3 - Item E - Q63(g) (ix) Repo Category) Allowed values (code-description) are: ABS - Asset-Backed Securities AGNCY_CMO - Agency Collateralized Mortgage Obligations AGNCY_DBNTR_STRP - Agency Debentures and Agency Strips AGNCY_MBS - Agency Mortgage-Backed Securities PRVT_LABEL_CMO - Private Label Collateralized Mortgage Obligations CRPRT_DEBT_SCRTS - Corporate Debt Securities EQTY - Equities MONEY_MRKT - Money Market US_TRSRY - U.S. Treasuries (including strips) OTHER - Other Instrument NA - N/A

Schema Component Representation

```
<xsd:simpleType name="RepoCategoryType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="ABS" />
    <xsd:enumeration value="AGNCY_CMO" />
    <xsd:enumeration value="AGNCY_DBNTR_STRP" />
    <xsd:enumeration value="AGNCY_MBS" />
    <xsd:enumeration value="PRVT_LABEL_CMO" />
    <xsd:enumeration value="CRPRT_DEBT_SCRTS" />
    <xsd:enumeration value="EQTY" />
    <xsd:enumeration value="MONEY_MRKT" />
    <xsd:enumeration value="US_TRSRY" />
    <xsd:enumeration value="OTHER" />
    <xsd:enumeration value="NA" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **SECNumberTypeType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>SECNumberTypeType</b> (by restriction)
Sub-types:	None

Name	SECNumberTypeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'8'   '801'   '802'   '866'}</li></ul>

Schema Component Representation

```
<xsd:simpleType name="SECNumberTypeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="8" />
    <xsd:enumeration value="801" />
    <xsd:enumeration value="802" />
    <xsd:enumeration value="866" />
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: StateCodeType

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>StateCodeType</b> (by restriction)
Sub-types:	None

Name	StateCodeType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy:</i> <a href="#">preserve</a></li><li>• <i>value</i> comes from list: { 'AK'   'AL'   'AR'   'AZ'   'CA'   'CO'   'CT'   'DC'   'DE'   'FL'   'GA'   'HI'   'IA'   'ID'   'IL'   'IN'   'KS'   'KY'   'LA'   'MA'   'MD'   'ME'   'MI'   'MN'   'MO'   'MS'   'MT'   'NC'   'ND'   'NE'   'NH'   'NJ'   'NM'   'NV'   'NY'   'OH'   'OK'   'OR'   'PA'   'PR'   'RI'   'SC'   'SD'   'TN'   'TX'   'UT'   'VA'   'VT'   'WA'   'WI'   'WV'   'WY'   'VI' }</li><li>• <i>length</i> &lt;= 2</li></ul>
Documentation	<p>Elements of this type represent the allowed State Codes.</p> <p>Allowed values (code-Name) are:</p> <p>AK-Alaska AL-Alabama AR-Arkansas AZ-Arizona CA-California CO-Colorado CT-Connecticut DC-District of Columbia DE-Delaware FL-Florida GA-Georgia HI-Hawaii IA-Iowa ID-Idaho IL-Illinois IN-Indiana KS-Kansas KY-Kentucky LA-Louisiana MA-Massachusetts MD-Maryland ME-Maine MI-Michigan MN-Minnesota MO-Missouri MS-Mississippi MT-Montana NC-North Carolina ND-North Dakota NE-Nebraska NH-New Hampshire NJ-New Jersey NM-New Mexico NV-Nevada NY-New York OH-Ohio OK-Oklahoma OR-Oregon PA-Pennsylvania PR-Puerto Rico RI-Rhode Island SC-South Carolina SD-South Dakota TN-Tennessee TX-Texas UT-Utah VA-Virginia VT-Vermont WA-Washington WI-Wisconsin WV-West Virginia WY-Wyoming VI-Virgin Islands</p>

```
<xsd:simpleType name="StateCodeType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:maxLength value="2"/>
    <xsd:enumeration value="AK"/>
    <xsd:enumeration value="AL"/>
    <xsd:enumeration value="AR"/>
    <xsd:enumeration value="AZ"/>
    <xsd:enumeration value="CA"/>
    <xsd:enumeration value="CO"/>
    <xsd:enumeration value="CT"/>
    <xsd:enumeration value="DC"/>
    <xsd:enumeration value="DE"/>
    <xsd:enumeration value="FL"/>
    <xsd:enumeration value="GA"/>
    <xsd:enumeration value="HI"/>
    <xsd:enumeration value="IA"/>
    <xsd:enumeration value="ID"/>
    <xsd:enumeration value="IL"/>
    <xsd:enumeration value="IN"/>
    <xsd:enumeration value="KS"/>
    <xsd:enumeration value="KY"/>
    <xsd:enumeration value="LA"/>
    <xsd:enumeration value="MA"/>
    <xsd:enumeration value="MD"/>
    <xsd:enumeration value="ME"/>
    <xsd:enumeration value="MI"/>
    <xsd:enumeration value="MN"/>
    <xsd:enumeration value="MO"/>
    <xsd:enumeration value="MS"/>
    <xsd:enumeration value="MT"/>
    <xsd:enumeration value="NC"/>
    <xsd:enumeration value="ND"/>
    <xsd:enumeration value="NE"/>
    <xsd:enumeration value="NH"/>
    <xsd:enumeration value="NJ"/>
    <xsd:enumeration value="NM"/>
    <xsd:enumeration value="NV"/>
    <xsd:enumeration value="NY"/>
    <xsd:enumeration value="OH"/>
    <xsd:enumeration value="OK"/>
    <xsd:enumeration value="OR"/>
    <xsd:enumeration value="PA"/>
    <xsd:enumeration value="PR"/>
    <xsd:enumeration value="RI"/>
    <xsd:enumeration value="SC"/>
    <xsd:enumeration value="SD"/>
    <xsd:enumeration value="TN"/>
    <xsd:enumeration value="TX"/>
    <xsd:enumeration value="UT"/>
    <xsd:enumeration value="VA"/>
    <xsd:enumeration value="VT"/>
    <xsd:enumeration value="WA"/>
    <xsd:enumeration value="WI"/>
    <xsd:enumeration value="WV"/>
    <xsd:enumeration value="WY"/>
    <xsd:enumeration value="VI"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **StrategyNameType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>StrategyNameType</b> (by restriction)
Sub-types:	None

Name	StrategyNameType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>Whitespace policy</i>: <a href="#">preserve</a></li><li>• <i>value</i> comes from list: {'1'   '2'   '3'   '4'   '5'   '6'   '7'   '8'   '9'   '10'   '11'   '12'   '13'   '14'   '15'   '16'   '17'   '18'   '19'   '20'   '21'   '22'}</li></ul>
Documentation	<p>Elements of this type represent investment strategies</p> <p>Allowed values (code-description) are:</p> <ul style="list-style-type: none"><li>1 - Equity, Market Neutral</li><li>2 - Equity, Long/Short</li><li>3 - Equity, Short Bias</li><li>4 - Equity, Long Bias</li><li>5 - Macro, Active Trading</li><li>6 - Macro, Commodity</li><li>7 - Macro, Currency</li><li>8 - Macro, Global Macro</li><li>9 - Relative Value, Fixed Income Asset Backed</li><li>10 - Relative Value, Fixed Income Convertible Arbitrage</li><li>11 - Relative Value, Fixed Income Corporate</li><li>12 - Relative Value, Fixed Income Sovereign</li><li>13 - Relative Value, Volatility Arbitrage</li><li>14 - Event Driven, Distressed/Restructuring</li><li>15 - Event Driven, Risk Arbitrage/Merger Arbitrage</li><li>16 - Event Driven, Equity Special Situations</li><li>17 - Credit, Long/Short</li><li>18 - Credit, Asset Based Lending</li><li>19 - Managed Futures/CTA, Fundamental</li><li>20 - Managed Futures/CTA, Quantitative</li><li>21 - Investment in other funds</li><li>22 - Other</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StrategyNameType">
  <xsd:restriction base="stringPreserveWhiteSpaces">
    <xsd:enumeration value="1"/>
    <xsd:enumeration value="2"/>
    <xsd:enumeration value="3"/>
    <xsd:enumeration value="4"/>
    <xsd:enumeration value="5"/>
    <xsd:enumeration value="6"/>
    <xsd:enumeration value="7"/>
    <xsd:enumeration value="8"/>
    <xsd:enumeration value="9"/>
    <xsd:enumeration value="10"/>
    <xsd:enumeration value="11"/>
    <xsd:enumeration value="12"/>
    <xsd:enumeration value="13"/>
    <xsd:enumeration value="14"/>
    <xsd:enumeration value="15"/>
    <xsd:enumeration value="16"/>
    <xsd:enumeration value="17"/>
    <xsd:enumeration value="18"/>
    <xsd:enumeration value="19"/>
    <xsd:enumeration value="20"/>
    <xsd:enumeration value="21"/>
    <xsd:enumeration value="22"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **stringPreserveWhiteSpaces**

Super-types:

[xs:string](#) < **stringPreserveWhiteSpaces** (by restriction)

Sub-types:

- [RelatedPersonTypeType](#) (by restriction)
- [TradingStrategyType](#) (by restriction)
- [StrategyNameType](#) (by restriction)
- [HighFreqTradingStrategyType](#) (by restriction)
- [MajorFinInstType](#) (by restriction)
- [CurrencyCodeType](#) (by restriction)
- [HedgeAssetClassCDType](#) (by restriction)
- [HedgeFundMarketFactorRelevanceType](#) (by restriction)
- [HedgeFundEquityMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundRiskFreeInterestRatesMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundCreditSpreadsMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundCurrencyRatesMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundCommodityPricesMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundOptionImpliedVolatilitiesMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundDefaultRatesABSMarketFactorChangeCodeType](#) (by restriction)
- [HedgeFundDefaultRatesCDSMarketFactorChangeCodeType](#) (by restriction)
- [CreditorNameType](#) (by restriction)
- [InvestmentCategoryType](#) (by restriction)
- [RepoCategoryType](#) (by restriction)
- [CreditorCounterpartyType](#) (by restriction)
- [NAICSCodeType](#) (by restriction)
- [LiquidityFinancingMaturityTypeCodeType](#) (by restriction)
- [BooleanYNTYPE](#) (by restriction)
- [SECNumberTypeType](#) (by restriction)
- [AlternateTextType](#) (by restriction)
- [FundTypeType](#) (by restriction)
- [AssetFundsFundTypeType](#) (by restriction)
- [InvestmentGradeMeasureCodeType](#) (by restriction)
- [FundActionCodeType](#) (by restriction)
- [NonVaRRiskMetricCodeType](#) (by restriction)
- [WeightedMethodCodeType](#) (by restriction)
- [CalculationMethodCodeType](#) (by restriction)
- [AdditionalAssetsInSidePocketCodeType](#) (by restriction)
- [CountryCodeType](#) (by restriction)
- [StateCodeType](#) (by restriction)

Schema Component Representation

```
<xsd:simpleType name="stringPreserveWhiteSpaces">
  <xsd:restriction base="xs:string">
    <xsd:whiteSpace value="preserve"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: **StringRestricted10000Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted10000Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted10000Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 10000</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted10000Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="10000"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted11Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted11Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted11Type
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>length</i> &lt;= 11</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted11Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="11"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted128Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted128Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted128Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 128</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted128Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="128" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted12Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted12Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted12Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 12</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted12Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="12"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted150Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted150Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted150Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 150</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted150Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="150" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted15Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted15Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted15Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 15</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted15Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="15"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted20Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted20Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted20Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 20</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted20Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="20"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted255Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted255Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted255Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 255</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted255Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="255" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted256Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted256Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted256Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 256</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted256Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="256" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted25Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted25Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted25Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 25</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted25Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="25"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted27Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted27Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted27Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 27</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted27Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="27"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted3Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted3Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted3Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 3</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted3Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="3"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted50Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted50Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted50Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 50</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted50Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="50"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **StringRestricted9Type**

Super-types:	<a href="#">xs:string</a> < <b>StringRestricted9Type</b> (by restriction)
Sub-types:	None

Name	StringRestricted9Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li><i>length</i> &lt;= 9</li></ul>

Schema Component Representation

```
<xsd:simpleType name="StringRestricted9Type">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="9"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: TradeIDSuffixType

Super-types:	<a href="#">xs:string</a> < <a href="#">TradeIDType</a> (by restriction) < <b>TradeIDSuffixType</b> (by restriction)
Sub-types:	None

Name	TradeIDSuffixType
Content	<ul style="list-style-type: none"><li>• Base XSD Type: string</li><li>• <i>pattern</i> = [0-9]+(-[0-9]+)* (NA)</li><li>• <i>length</i> &lt;= 15</li><li>• <i>length</i> &lt;= 5</li></ul>

Schema Component Representation

```
<xsd:simpleType name="TradeIDSuffixType">  
  <xsd:restriction base="TradeIDType">  
    <xsd:maxLength value="5"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: TradeIDType

Super-types:	<a href="#">xs:string</a> < TradeIDType (by restriction)
Sub-types:	<ul style="list-style-type: none"><li><a href="#">TradeIDSuffixType</a> (by restriction)</li></ul>

Name	TradeIDType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>pattern = [0-9]+(-[0-9]+)*(NA)</li><li>length &lt;= 15</li></ul>

Schema Component Representation

```
<xsd:simpleType name="TradeIDType">  
  <xsd:restriction base="xs:string">  
    <xsd:maxLength value="15" />  
    <xsd:pattern value="[0-9]+(-[0-9]+)*(NA)" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **TradingStrategyType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>TradingStrategyType</b> (by restriction)
Sub-types:	None

Name	TradingStrategyType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'S'   'M'}</li></ul>
Documentation	Elements of this type represent Trading Strategy Type Allowed values (code-description) are: S - Single M - Multiple

Schema Component Representation

```
<xsd:simpleType name="TradingStrategyType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="S" />  
    <xsd:enumeration value="M" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: UnsignedDecimalRestricted15p2Type

Super-types:	<a href="#">xs:decimal</a> < UnsignedDecimalRestricted15p2Type (by restriction)
Sub-types:	None

Name	UnsignedDecimalRestricted15p2Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= value &lt; 10000000000000000</li><li>total no. of digits = 17</li><li>no. of fraction digits = 2</li></ul>

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted15p2Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="17"/>
    <xsd:fractionDigits value="2"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: UnsignedDecimalRestricted15p4Type

Super-types:	<a href="#">xs:decimal</a> < UnsignedDecimalRestricted15p4Type (by restriction)
Sub-types:	None

Name	UnsignedDecimalRestricted15p4Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= value &lt; 10000000000000000</li><li>total no. of digits = 19</li><li>no. of fraction digits = 4</li></ul>

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted15p4Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="19"/>
    <xsd:fractionDigits value="4"/>
    <xsd:maxExclusive value="10000000000000000"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: UnsignedDecimalRestricted3p4Type

Super-types:	<a href="#">xs:decimal</a> < UnsignedDecimalRestricted3p4Type (by restriction)
Sub-types:	None

Name	UnsignedDecimalRestricted3p4Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>0 &lt;= value &lt;= 100</li><li>total no. of digits = 7</li><li>no. of fraction digits = 4</li></ul>

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted3p4Type">
  <xsd:restriction base="xs:decimal">
    <xsd:totalDigits value="7"/>
    <xsd:fractionDigits value="4"/>
    <xsd:maxInclusive value="100"/>
    <xsd:minInclusive value="0"/>
  </xsd:restriction>
</xsd:simpleType>
```

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Simple Type: UnsignedDecimalRestricted7p2RequiredDecimalType

Super-types:	<a href="#">xs:decimal</a> < UnsignedDecimalRestricted7p2RequiredDecimalType (by restriction)
Sub-types:	None

Name	UnsignedDecimalRestricted7p2RequiredDecimalType
Content	<ul style="list-style-type: none"><li>Base XSD Type: decimal</li><li>pattern = \d{1,7}(\.\d{2,2})</li></ul>

Schema Component Representation

```
<xsd:simpleType name="UnsignedDecimalRestricted7p2RequiredDecimalType">  
  <xsd:restriction base="xs:decimal">  
    <xsd:pattern value="\d{1,7}(\.\d{2,2})"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: UnsignedLongRestricted10Type

Super-types:	<a href="#">xsd:unsignedLong</a> < <b>UnsignedLongRestricted10Type</b> (by restriction)
Sub-types:	None

Name	UnsignedLongRestricted10Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li><i>total no. of digits</i> = 10</li></ul>

Schema Component Representation

```
<xsd:simpleType name="UnsignedLongRestricted10Type">  
  <xsd:restriction base="xsd:unsignedLong">  
    <xsd:totalDigits value="10"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: UnsignedLongRestricted15Type

Super-types:	<a href="#">xsd:unsignedLong</a> < <b>UnsignedLongRestricted15Type</b> (by restriction)
Sub-types:	None

Name	UnsignedLongRestricted15Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li>total no. of digits = 15</li></ul>

Schema Component Representation

```
<xsd:simpleType name="UnsignedLongRestricted15Type">  
  <xsd:restriction base="xsd:unsignedLong">  
    <xsd:totalDigits value="15" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: UnsignedLongRestricted4Type

Super-types:	<a href="#">xsd:unsignedLong</a> < <b>UnsignedLongRestricted4Type</b> (by restriction)
Sub-types:	None

Name	UnsignedLongRestricted4Type
Content	<ul style="list-style-type: none"><li>Base XSD Type: unsignedLong</li><li><i>total no. of digits</i> = 4</li></ul>

Schema Component Representation

```
<xsd:simpleType name="UnsignedLongRestricted4Type">  
  <xsd:restriction base="xsd:unsignedLong">  
    <xsd:totalDigits value="4" />  
  </xsd:restriction>  
</xsd:simpleType>
```

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Simple Type: **WeightedMethodCodeType**

Super-types:	<a href="#">xs:string</a> < <a href="#">stringPreserveWhiteSpaces</a> (by restriction) < <b>WeightedMethodCodeType</b> (by restriction)
Sub-types:	None

Name	WeightedMethodCodeType
Content	<ul style="list-style-type: none"><li>Base XSD Type: string</li><li>Whitespace policy: <a href="#">preserve</a></li><li>value comes from list: {'NONE'   'EXP'   'OTH'}</li></ul>
Documentation	Weighted method type codes. Allowed values (code-description) are: NONE - None EXP - Exponential OTH - Other

Schema Component Representation

```
<xsd:simpleType name="WeightedMethodCodeType">  
  <xsd:restriction base="stringPreserveWhiteSpaces">  
    <xsd:enumeration value="NONE"/>  
    <xsd:enumeration value="EXP"/>  
    <xsd:enumeration value="OTH"/>  
  </xsd:restriction>  
</xsd:simpleType>
```

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# Filing Result Schema Reference

## Schema Properties

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---------------	--

## Global Declarations

Element: **PFXMLFilingResult**

Name	PFXMLFilingResult
Type	Locally-defined complex type
Nillable	no
Abstract	no

### XML Instance Representation

```
<PFXMLFilingResult>
  <!-- Unique Upload ID assigned for this upload. This would be present for any valid/authorized upload ID. -->
  <UploadID> xsd:unsignedInt </UploadID> [0..1]
  <!-- Unique Filing ID if the upload resulted in a successful filing creation. -->
  <FilingID> xsd:unsignedInt </FilingID> [0..1]
  <OperationStatus> xs:NMTOKEN (value comes from list:
  {'PROCPENDING'|'PROCFAIL'|'SUCCESS'|'SCHEMAVAL'|'SCHEMAVALFAIL'}) </OperationStatus> [0..1]
  <!-- Reference ID provided by the user to track this upload. Manual uploads would have the file name. -->
  <UserReferenceID> xsd:string </UserReferenceID> [0..1]
  <!-- Collection of error messages (if any) for this upload. -->
  <ErrorMessages> [0..1]
    <ErrorMessage> ErrorMessageType </ErrorMessage> [1..*]
  </ErrorMessages>
</PFXMLFilingResult>
```

## Schema Component Representation

```
<xsd:element name="PFXMLFilingResult">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="UploadID" type="xsd:unsignedInt" minOccurs="0"/>
      <xsd:element name="FilingID" type="xsd:unsignedInt" minOccurs="0"/>
      <xsd:element name="OperationStatus" minOccurs="0">
        <xsd:simpleType>
          <xsd:restriction base="xs:NMTOKEN">
            <xsd:enumeration value="PROCPENDING"/>
            <xsd:enumeration value="PROCFAIL"/>
            <xsd:enumeration value="SUCCESS"/>
            <xsd:enumeration value="SCHEMAVAL"/>
            <xsd:enumeration value="SCHEMAVALFAIL"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="UserReferenceID" type="xsd:string" minOccurs="0"/>
      <xsd:element name="ErrorMessages" minOccurs="0">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="ErrorMessage" type="ErrorMessageType" maxOccurs="unbounded"/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```

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# Global Definitions

## Complex Type: ErrorMessageType

Super-types:	None
Sub-types:	None

Name	ErrorMessageType
Abstract	no

### XML Instance Representation

```
<...>
  <!-- Error number. -->
  <Code> xsd:unsignedInt </Code> [0..1]
  <!-- Reference xml node name for this error. -->
  <Section> xsd:string </Section> [0..1]
  <!-- Specific location for this error. -->
  <Record> xsd:string </Record> [0..1]
  <!-- Detailed error description. Contact FINRA/UAT support for General System Error. -->
  <Description> xsd:string </Description> [1]
  <Type> xs:NMTOKEN (value comes from list: {'CC'|'FORM'|'SCHEMA'|'SYSTEM'}) </Type> [1]
  <!-- 805- Fund ID for this error, if applicable. -->
  <FundID> xsd:string </FundID> [0..1]
</...>
```

### Schema Component Representation

```
<xsd:complexType name="ErrorMessageType">
  <xsd:sequence>
    <xsd:element name="Code" type="xsd:unsignedInt" minOccurs="0"/>
    <xsd:element name="Section" type="xsd:string" minOccurs="0"/>
    <xsd:element name="Record" type="xsd:string" minOccurs="0"/>
    <xsd:element name="Description" type="xsd:string"/>
    <xsd:element name="Type">
      <xsd:simpleType>
        <xsd:restriction base="xs:NMTOKEN">
          <xsd:enumeration value="CC"/>
          <xsd:enumeration value="FORM"/>
          <xsd:enumeration value="SCHEMA"/>
          <xsd:enumeration value="SYSTEM"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="FundID" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

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# Schema Reference Glossary

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## Glossary

- Abstract** (Applies to complex type definitions and element declarations). An abstract element or complex type cannot be used to validate an element instance. If there is a reference to an abstract element, only element declarations that can substitute the abstract element can be used to validate the instance. For references to abstract type definitions, only derived types can be used.
- All Model Group** Child elements can be provided *in any order* in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-all>.
- Choice Model Group** Only *one* from the list of child elements and model groups can be provided in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-choice>.
- Collapse Whitespace Policy** Replace tab, line feed, and carriage return characters with space character (Unicode character 32). Then, collapse contiguous sequences of space characters into single space character, and remove leading and trailing space characters.
- Disallowed Substitutions** (Applies to element declarations). If *substitution* is specified, then [substitution group](#) members cannot be used in place of the given element declaration to validate element instances. If *derivation methods*, e.g. extension, restriction, are specified, then the given element declaration will not validate element instances that have types derived from the element declaration's type using the specified derivation methods. Normally, element instances can override their declaration's type by specifying an `xsi:type` attribute.
- Key Constraint** Like [Uniqueness Constraint](#), but additionally requires that the specified value(s) must be provided. See: [http://www.w3.org/TR/xmlschema-1/#cidentity-constraint\\_Definitions](http://www.w3.org/TR/xmlschema-1/#cidentity-constraint_Definitions).
- Key Reference Constraint** Ensures that the specified value(s) must match value(s) from a [Key Constraint](#) or [Uniqueness Constraint](#). See: [http://www.w3.org/TR/xmlschema-1/#cidentity-constraint\\_Definitions](http://www.w3.org/TR/xmlschema-1/#cidentity-constraint_Definitions).
- Model Group** Groups together element content, specifying the order in which the element content can occur and the number of times the group of element content may be repeated. See: [http://www.w3.org/TR/xmlschema-1/#Model\\_Groups](http://www.w3.org/TR/xmlschema-1/#Model_Groups).
- Nillable** (Applies to element declarations). If an element declaration is nillable, instances can use the `xsi:nil` attribute. The `xsi:nil` attribute is the boolean attribute, *nil*, from the <http://www.w3.org/2001/XMLSchema-instance> namespace. If an element instance has an `xsi:nil` attribute set to true, it can be left empty, even though its element declaration may have required content.
- Notation** A notation is used to identify the format of a piece of data. Values of elements and attributes that are of type, NOTATION, must come from the names of declared notations. See: [http://www.w3.org/TR/xmlschema-1/#cNotation\\_Declarations](http://www.w3.org/TR/xmlschema-1/#cNotation_Declarations).
- Preserve Whitespace Policy** Preserve whitespaces exactly as they appear in instances.
- Prohibited Derivations** (Applies to type definitions). Derivation methods that cannot be used to create sub-types from a given type definition.
- Prohibited Substitutions** (Applies to complex type definitions). Prevents sub-types that have been derived using the specified derivation methods from validating element instances in place of the given type definition.
- Replace Whitespace Policy** Replace tab, line feed, and carriage return characters with space character (Unicode character 32).
- Sequence Model Group** Child elements and model groups must be provided *in the specified order* in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-sequence>.
- Substitution Group** Elements that are *members* of a substitution group can be used wherever the *head* element of the substitution group is referenced.
- Substitution Group Exclusions** (Applies to element declarations). Prohibits element declarations from nominating themselves as being able to substitute a given element declaration, if they have types that are derived from the original element's type using the specified derivation methods.
- Target Namespace** The target namespace identifies the namespace that components in this schema belongs to. If no target namespace is provided, then the schema components do not belong to any namespace.
- Uniqueness Constraint** Ensures uniqueness of an element/attribute value, or a combination of values, within a specified scope. See: [http://www.w3.org/TR/xmlschema-1/#cidentity-constraint\\_Definitions](http://www.w3.org/TR/xmlschema-1/#cidentity-constraint_Definitions).