

SFTR – FIX EMEA Regulatory Working Group EU SFTR Reporting

October 17, 2019

Revision 0.4

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For Global Technical Committee Governance Internal Use Only						
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October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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	ent History	
L Int	troduction	
1.1	1 Reference documents:	6
2 Bu	isiness Requirements	6
2.1	1 Summary of Proposed Changes	6
8 lss	sues and Discussion Points	<u>9</u> 8
Pro	oposed Message Flow	14
5 FI)	X Message Tables	
5.1		
5.2	2 MarginRequirementReport (35=CJ)	15
5.3	3 PositionReport (35=AP)	
5.4	4 TradeCaptureReport (35=AE)	
5 FI)	X Component Blocks	20
6.1	1 CollateralAmountGrp	20
6.2	2 CollateralReinvestmentGrp	21
6.3	3 FundingSourceGrp	22
6.4	4 LegPaymentStream	23
6.5	5 MarginAmount	24
6.6	6 PaymentGrp	25
6.7	7 PaymentStream	<u>28</u> 27
6.8	8 TransactionAttributeGrp	<u>29</u> 28
6.9	9 SideCollateralAmountGrp	<u>30</u> 29
6.1	10 SideCollateralReinvestmentGrp	<u>31</u> 30
6.1	11 UnderlyingInstrument	<u>3231</u>
6.1	12 UndlyPaymentStream	<u>3332</u>
6.1	13 PositionAmountData	<u>34</u> 33
6.1	14 Instrument	<u>35</u> 34
6.1	15 InstrumentLeg	<u>3635</u>
6.1	16 UnderlyingInstrument	<u>37</u> 35
' Ca	itegory Changes	<u>37</u> 36
Append	dix A - Data Dictionary	<u>38</u> 37
Append	Jix B - Glossary Entries	<u>6361</u>
Append	lix C - Abbreviations	<u>6361</u>
Append	Jix D - Usage Examples	<u>6361</u>
Append	lix E - External Code Lists	<u>6361</u>
E-2	1. AssetType	<u>6361</u>
E-2	2. AssetSubType	<u>64</u> 62
	dix F - EU SFTR Action Types Matrix	

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

Table of Contents

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

Formatte

Formatte

<u>EU SFTR Reporting</u>	Formatte
FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR	Formatte
Reporting v0.4_changetracked.docx	
October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4	Formatte

Table of Figures

No table of figures entries found.

FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

Formatte

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Revision	Date	Editor	Revision Comments
0.1	8/12/2019	Brook Path Partners Inc. for FIX SFTR WG	First Draft
0.2	9/19/2019		Second draft
0.3	Oct. 3, 2019		Updated after two sessions of SFTR WG calls to review the gap analysis.
			Discussed and addressed the issues in Section 3, documenting resolutions.
			Changes to mappings due to corrections and resolutions of issues.
			Added descriptive text needed for gap analysis submission to GTC.
	Oct. 11, 2019		Updated Introduction, Summary of Proposed Changes and finalized Issues and Discussion Points sections.
			Added additional mapping fields based on finalization of issues and missing items.
0.4	Oct. 17, 2019		Updated with clarifications on wordings based on GTC review feedback.
<u>ASBUILT</u>	<u>Oct. 27, 2019</u>	GTC	Created ASBUILT with tag assignments.

Document History

1 Introduction

This gap analysis is being submitted to address the requirements of the EU Securities Financing Transactions (SFT) Reporting (SFTR regulations). SFTR requires reporting of financing transactions to be reported to ESMA, these transactions include repurchase agreements (repos), buy-sell back/sell-buy back, securities lending and margin lending transactions.

1.1 Reference documents:

The following documents¹ are referenced as part of this gap analysis submission:

[1] Regulation (EU) 2015/2365 Of the European Parliament and of the Council of 25 November 2015 (CELEX 32015R2365)

The above is the EU Regulation, the basis for the RTS and ITS documents below

[2] Commission Delegated Regulation (EU) 2019/356 of 13 December 2018 (CELEX 32019R0356)

The above is the "regulatory technical standards [RTS] specifying the details of securities financing transactions (SFTs) to be reported to trade repositories"

[3] Commission Implementing Regulation (EU) 2019/363 of 13 December 2018 (CELEX 32019R0363)

The above is the "implementing technical standards [ITS] with regard to the format and frequency of reports on the details of securities financing transactions (SFTs) to trade repositories"

2 Business Requirements

SFT reporting is a transaction and a post-trade life-cycle event reporting requirement to report these, collectively called transactions, to trade repositories. The following message types are being extended to support reporting of SFT to a trade repository:

- TradeCaptureReport(35=AE)
- PositionReport(35=AP)
- CollateralReport(35=BA)
- MarginRequirementReport(35=CJ)

2.1 Summary of Proposed Changes

The section is a summary of proposed changes to support the business requirements for SFT reporting: The proposals included in this document are subject to change once ESMA publishes their final SFT reporting guidelines later in 2019.

• New components have been introduced:

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¹ Documents can be found at this link using the CELEX references: https://eur-lex.europa.eu/homepage.html

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	ol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR v0.4_changetracked.docx	For
- 0	October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4	For
1.	FundingSourceGrp and its associated fields are introduced to satisfy the requirement of identifying the sources of funds used to finance a loan related to SFTs	For
2.	TransactionAttributeGrp and its associated fields are introduced as a generic repeating group component used to articulate additional transaction attributes. For SFT, the TransactionAttributeType(tbd2872) will initially provide values to support reporting of SFT "exclusive arrangement" and "collateral arrangement"	
3.	CollateralReinvestmentGrp component and its associated new fields are introduced to provide the ability to specify the breakdown of cash collateral reinvestment types and amounts for each reinvestment type.	
Ch	anges to existing components include:	
1.	CollateralAmountGrp component has been enhanced to add the new CollateralReinvestmentGrp component, new fields CollateralReinvestmentRate(<u>tbd2840</u>) and UnderlyingRefID(<u>tbd2841</u>). The CollateralReinvestmentRate(<u>tbd2840</u>) supports the SFT requirement to provide an average cash collateral reinvestment rate when there are multiple types of reinvestments. UnderlyingRefID(<u>tbd2841</u>) will be used to point to the collateral within an instance of UnderlyingInstrument component for which the specific collateral amount entry information is applicable.	
2.	LegPaymentStream, PaymentStream and UnderlyingPaymentStream components have been enhanced with corresponding new fields LegPaymentStreamOtherDayCount(tbd43108), PaymentStreamOtherDayCount(tbd43106) and UnderlyingPaymentStreamOtherDayCount(tbd43107) to support an ability to specify a day count method not provided in the enumerated LegPaymentStreamDayCount(40283), PaymentStreamDayCount(40742) and UnderlyingPaymentStreamDayCount(40572)respectively. This satisfies SFTR's requirement to be able to specify "other day count".	
3.	A new field MarginDirection(tbd2851) is being added to MarginAmount component to allow the ability to specify the direction of the margin - "posted" or "received" - associated with the party or account.	
4.	The PaymentGrp component is being enhanced with several new fields to support the ability to specify the rebate rate and rate reset parameters for SFT transaction for which such agreed information has to be specified and reported. New fields are: PaymentFixedRate(tbd43097), PaymentFloatingRateIndex(tbd43098), PaymentFloatingRateIndexCurveUnit(tbd43100), PaymentFloatingRateIndexCurvePeriod(tbd43099), PaymentFloatingRateSpread(tbd43101), PaymentRateResetFrequencyUnit(tbd43105), PaymentRateResetFrequencyPeriod(tbd43104), PaymentFrequencyUnit(tbd43103), and PaymentFrequencyPeriod(tbd43102).	
5.	UnderlyingID(tbd2874) is a new field being added to UnderlyingInstrument component to allow a reference linkage with UnderlyingRefID(tbd2841). This is similar to the existing use of LegID(1788) in InstrumentLeg component and the reference linkage field LegRefID(654) that is used in other components to refer to an instance of instrument leg for which the information is applicable.	

Stap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR 4_changetracked.docx	Form
ositionAmountData component is enhanced with a new field PosAmtPrice(tbd2876). For FT position reporting to ESMA there is a requirement to be able to specify the current price f SFT's security or commodity. Ithough they are not used in the SFTR mappings the SideCollateralAmountGrp and ideCollateralReinvestmentGrp components are being changed to stay in sync with the ollateralAmountGrp and CollateralReinvestmentGrp components. Ithough not directly used in the SFTR mappings, added CouponOtherDayCount(tbd2879), egCouponOtherDayCount(tbd2880) and UnderlyingCouponOtherDayCount(tbd2881) to neir respective Instrument, InstrumentLeg and UnderlyingInstrument components to ccommodate similar support provided in the PaymentStream components. Incements to existing message types are: or all message types within scope of this gap analysis a new field egulatoryReportTypeBusinessDate(tbd2869) is being added to be able to identify the usiness event date (in local market date terms) of when the event specified in egulatoryReportType(1934) occurred. In SFT it is possible that a business event occurred	$\sim \geq$
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egCouponOtherDayCount(tbd2880) and UnderlyingCouponOtherDayCount(tbd2881) to neir respective Instrument, InstrumentLeg and UnderlyingInstrument components to ccommodate similar support provided in the PaymentStream components. Incements to existing message types are: or all message types within scope of this gap analysis a new field egulatoryReportTypeBusinessDate(tbd2869) is being added to be able to identify the usiness event date (in local market date terms) of when the event specified in egulatoryReportType(1934) occurred. In SFT it is possible that a business event occurred	
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efore the events associated with the date-timestamp in TrdRegTimestamps component. dditionally ESMA requires that such event date is a date-only data point while in FIX the rdRegTimestamp(769) is a UTCTimestamp data point.	
learingPortfolioID(tbd<u>2870</u>) is a new field needed in SFTR to provide a place to identify ortfolio of transactions under EMIR of which the SFT is a part.	
ollateralReport(35=BA) will be enhanced with the new components FundingSourceGrp and ransactionAttributeGrp, addition of RegulatoryReportType(1934) and new fields egulatoryReportTypeBusinessDate(tbd2869) and CollateralizationValueDate(tbd2868).	
<pre>AarginRequirementReport(35=CJ) will be enhanced with the addition of the new omponent TrdRegTimestamps, ClearingPortfolioID(tbd2870) and egulatoryReportType(1934) and RegulatoryReportTypeBusinessDate(tbd2869).</pre>	
ositionReport(35=AP) will be enhanced with the new TransactionAttributeGrp component, ddition of TrdRegTimestamps component, addition of RegulatoryReportType(1934) and egulatoryReportTypeBusinessDate(tbd2869), and the new fields learingPortfolioID(tbd2870) and CollateralizationValueDate(tbd2868).	
radeCaptureReport(35=AE) will be enhanced with the new component ransactionAttributeGrp, new fields RegulatoryReportTypeBusinessDate(tbd<u>2869</u>), learingPortfolioID(tbd<u>2870</u>) and CollateralizationValueDate(<u>tbd2868</u>).	
erminationDate(tbd2878) is a new field needed in SFTR to report the early termination ate of a contract. This date differs from the "termination date" in the EvntGrp's ventType(865) in that TerminationDate(tbd2878) captures the post-trade action taken that a not part of a contract's definition. A post-trade action may include an early termination ue to clearing activity or the counterparty's decision to terminate outside of the defined ontract terms when the transaction took place. Added to PositionReport(35=AP) and radeCaptureReport(35=AE).	
	earingPortfolioID(tbd2870) is a new field needed in SFTR to provide a place to identify ortfolio of transactions under EMIR of which the SFT is a part. oblateralReport(35=BA) will be enhanced with the new components FundingSourceGrp and ransactionAttributeGrp, addition of RegulatoryReportType(1934) and new fields egulatoryReportTypeBusinessDate(tbd2869) and CollateralizationValueDate(tbd2868). larginRequirementReport(35=CJ) will be enhanced with the addition of the new omponent TrdRegTimestamps, ClearingPortfolioID(tbd2870) and egulatoryReportType(1934) and RegulatoryReportTypeBusinessDate(tbd2869). ositionReport(35=AP) will be enhanced with the new TransactionAttributeGrp component, ddition of TrdRegTimestamps component, addition of RegulatoryReportType(1934) and egulatoryReportTypeBusinessDate(tbd2869), and the new fields earingPortfolioID(tbd2870) and CollateralizationValueDate(tbd2868). radeCaptureReport(35=AE) will be enhanced with the new component ransactionAttributeGrp, new fields RegulatoryReportTypeBusinessDate(tbd2868). earingPortfolioID(tbd2870) and CollateralizationValueDate(tbd2868). earingPortfolioID(tbd2870) and CollateralizationValueDate(tbd2868). earingPortfolioID(tbd2870) and CollateralizationValueDate(tbd2868). earingPortfolioID(tbd2870) and CollateralizationValueDate(tbd2868). erminationDate(tbd2870) is a new field needed in SFTR to report the early termination ate of a contract. This date differs from the "termination date" in the EvntGrp's ventType(865) in that TerminationDate(tbd2878) captures the post-trade action taken that not part of a contract's definition. A post-trade action may include an early termination ue to clearing activity or the counterparty's decision to terminate outside of the defined ontract terms when the transaction took place. Added to PositionReport(35=AP) and

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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3 Issues and Discussion Points

	Issue	Date	Status	Discussion
1	1.10: Entity responsible for the report.	8/12	Resolved	LT: We need to think about how to do this without adding yet another party role
				Resolution: It was clarified that this is the same logic as ESMA data elements for "submitting entity" in MiFID II/MiFIR RTS 22, and with EMIR's "report submitting entity ID". To be consistent with the mapping for MiFID_II, this data element in SFTR will be mapped the same way, using PartyRole=116 (Reporting entity).
2	2.55: Security Type	8/18	Resolved	For Corporate Debt SFTR differentiates between Financial and Non-Financial issuers. This does not fit well with our taxonomy matrix since this appears to represent the issuer's industry sector rather than risk. How shall we address it?
				Resolution: After some discussions the distinction between "financial" and "non- financial" has to do with the issuer of the corporate debt, therefore this distinction should end up in the same place where the LEI of the issuer is specified. The use of PartySubIDType=47 (Financial entity) attached to the PartyRole=tbd125 (Issuer) will be used to indicate whether the issuer is a financial (PartySubID=Y) or not (PartySubID=N) when PartySubIDType=47 (Financial entity).
3	2.20: Method used to provide collateral	8/18	Resolved	This data element will result in a new field in FIX, but new need to determine whether this new field should be part of UnderlyingInstrument (the component where the collateral itself is identified), CollateralAmountGrp (a component primarily providing collateral value of the collateral type on deposit) or somewhere else as this will be needed in other messages. Resolution: Further clarification was

<u>October 17, 2019</u> October 17, 2019 - <u>Revision 0.4</u> Rev Issue Date Status Discussion				
	Issue	Date	Status	
				provided after the WG call. This data element applies to the transaction as a whole, and is meant to provide an indication for the "main" or "primary" collateral arrangement. An enumeration for the TransactionAttributeType(tbd2872) will be added to support this.
4	Side(54) for collateral taker vs. collateral maker	8/18	Resolved	For SFTR transactions ESMA does not use terminology such as "buy", "sell", "lend" or "borrow" but "collateral taker" and "collateral maker".
				In FIX the Side(54) field is important when reporting transactions. Values exist in FIX for "lend" and "borrow", and "buy" and "sell". Do we need to introduce "collateral taker" and "collateral maker" or will the use of existing FIX values (which are in use today even for SFT transactions) be sufficient with clear documentation on how it "translates" to ESMA's view? How can we best document this - in the standard or part of the "recommended practices" for implementing FIX for SFTR? Resolution: The group agreed at this point to not add any new Side(54) values to FIX but to describe the use of existing values
				accordingly for repos and buy/sell backs. For securities lending, clarification may have to wait until ESMA issues their updated guidance based on the public consultation questions. The issue for securities lending is the distinction between the security being lent/borrow and the security (not cash) used as collateral.
5	2.67: Lending fee	8/18	Resolved	LT: Lending fee wants to be mapped in TCR to <miscfeesgrp>. But it's also required in PositionReport in which a transaction fee should have disappeared. We need a home for this.</miscfeesgrp>

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR

EU SFTR ReportingEU SFTR Reporting

Reporting v0.4_changetracked.docx

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	Issue	Date	Status	<u>19October 17, 2019 - Revision 0.4 Revision 0.4</u> Discussion
	issue	Date	Status	Discussion
				DK: I propose adding this to <paymentgrp> since it is the fee for buying the contract similar to CDS (upfront fee) and Options (premium). It is not an add-on fee that the <miscfeesgrp> is meant to supply.</miscfeesgrp></paymentgrp>
				Resolved – see issue 10.
6	1.17: CSD Participant	8/30	Resolved	1.17 requires identifying the CSD Participant but not the CSD itself. Is that an oversight?
				Resolution: This is not an oversight. It was not a requirement by ESMA to specify the CSD.
7	 2.3: Event Date, 2.15: (Early) Termination Date, 2.74: Collateralization Value Date 	8/30	Resolved	Event Date is required in all reports: Date on which the reportable event relating to the SFT and captured by the report took place. The element wants to be LocalMktDate, not UTCTimestamp and we've proposed a new field EventBusinessDate(tbd) however this competes with ClearingBusinessDate(715) which is widely used for this very purpose. Early Termination Date and Collateralization Value Date are two more elements that beg to be in TrdRegTimestamps however they must be LocalMktDate, not UTCTimestamp. Guidance please. Resolution: After further deliberations 2.3 Event date will be mapped to a new FIX field called RegulatoryReportTypeBusinessDate(tbd28 <u>69</u>) which will be used in conjunction with RegulatoryReportType(1934) for SFTR.
				2.15 (Early) Termination Date and 2.74 Collateralization value date will be mapped to their respective new fields.
8	2.49: Security or commodity price	8/30	Resolved	Are these current prices and values or the original prices and values?
	2.56: Loan value			Resolution: It was clarified that for new transactions these values are current at

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Formatte Formatte

EU SFTR ReportingEU SFTR Reporting

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

				in the ESMA published validation spreadsheet it shows both of these data elements as being mandatory for "new transaction" reporting for margin loans.
				For the time being both of these are being mapped to PosAmtType(707) with a new MGNLN value, where PosAmt(708) would be a negative value for short market value.
				Oct. 17, 2019 GTC discussion: This issue will remain open awaiting further information.
10	Rebate and Lending Fee	8/30	Resolved	We believe that rebate and lending fee are trade-level costs associated with entering
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2.71: Short market value

Issue

9

FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

Status

Open

Date

8/30

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

the time of the transaction.

the 2.3 Event Date.

report to be published.

short position.

positions.

For life cycle events that change the values (e.g. MODI) these would be values current / modified as of the life cycle event report. These two fields are tied together and to

It was noted that for BSB the spot price and value is not going to change. PosAmtPrice(tbd2876) within the

PositionAmountData component will be added to support 2.49 when reporting as

What is a short market value for a margin loan transaction? Can this be mapped to PosAmtType(707) with an existing value? Discussion: This issue may require waiting for the results of the ESMA consultation

It appears whether the position is long or short is from the perspective of the

reporter. When the prime broker lent the cash or security, this would be their long or

It was noted that 2.69 Outstanding margin loan and 2.71 Short market value are mutually exclusive, only one of these would be in a report, not both. However,

Discussion

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FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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-	Formatte
-	Formatte

	Issue	Date	Status	Discussion
				into the contract and thus are mapped to the PaymentGrp component rather than the MiscFeesGrp component or elsewhere.
11	2.49: Security or commodity price	9/11	Resolved	SFTR describes this as the price of the security/commodity used to calculate the loan value or trade amount for the spot leg of the buy-sell back. As this is a price for position reports it does not belong in PosAmtType(707). This appears to be only needed when fields 2.37 and 2.56 are specified, thus a consideration should be made to add a "price" field to the PositionAmountData component?
				Resolution: This is a duplicate of issue #8. This is only needed in the initial transaction for Buy-sell back, or for a MODI action type of a new transaction.
12	2.97 Portfolio code	9/17	Open	Oct. 17, 2019 GTC discussion: A question was raised whether this "portfolio code" concept in SFTR is the same as used in EMIR. In MiFID/EMIR this data concept is mapped to PackageID(2489) in FIX. In SFTR it appears the requirement is to merely reference the MiFID/EMIR portfolio identifier if the SFT is part of a cleared portofolio. Currently this SFT data is being mapped to a new ClearingPortfolioID(tbd2870) as a placeholder. Silvano Stagni will follow up during public comment period with more information.

EU SFTR ReportingEU SFTR Reporting	Format
FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR	Format
Reporting v0.4_changetracked.docx	

October 17, 2019 October 17, 2019 - Revision 0.4 Revision 0.4

4 Proposed Message Flow

There are no changes to standard use of FIX messages. The message types identified in this gap analysis can be used unidirectionally to report the data into a repository.

The TradeCaptureReport(35=AE), PositionReport(35=AP) and CollateralReport(35=BA) may be used to report the SFT transaction, the position of an SFT and collateral of an SFT respectively. This corresponds to the Tables 1 and 2 of the Annexes in the RTS and ITS (see reference documents [2] and [3]) on SFTR reporting.

The CollateralReport(35=BA) is also used to report on the collateral re-use data required for Table 3 while the MarginRequirementReport(35=CJ) is used to report on the margin data required for Table 4 in the Annexes of the RTS and ITS (see reference documents [2] and [3]).

5 FIX Message Tables

5.1 CollateralReport (35=BA)

To be completed at the time of the proposal – all information provided will be stored in the repository						
Message Name		CollateralReport				
Message Abbreviated Na FIXML)	ame (for	CollRpt				
Category		(no change)				
Action		New	_X_Change			
Message Synopsis	(no change)					
Required, short, one or two paragraph description of the message.						
Message Elaboration Optional longer description of the message usage	(no change)					
	To be	finalized by FPL	Technical Office			
(MsgType(tag 35) Enum	eration	ВА				
Repository Component I	D	<u>86</u>				

Tag	Field Name	Req'd	Action	Mappings and Usage Comments	FIX Spec Comments
Standard Header		Y			MsgType=BA

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	v0.4_changetracked.		<u>ing v0.4_</u> i			
0			Octo	<u>ber 17, 2019</u> October 17	7 <mark>, 2019</mark> - <u>Revision 0.4</u> Revision 0.4	
ng Fie	ld Name	Req'd	Action	Mappings and Usage Comments	FIX Spec Comments	
truncate	d>				-	
01 Ca	shOutstanding					
ollateralA	mountGrp component					
<mark>#</mark> Co 68 te	llateralization Value Da	N	NEW			
<mark>36</mark> Tra	deCollateralization	N	ADD			
egulatory mponent	TradeIDGrp					
truncate	d>					
L6 Set	tlSessID					
7 Set	tlSessSubID					
34 Re	gulatoryReportType	N	ADD			
	gulatory Report Type Bu ess Date	N	NEW		May be used when the business event date differs from when the regulatory report is actually being submitted (typically specified in TrdRegTimestamps component).	
15 Cle	aringBusinessDate					
86 Wi	reReference					
.truncate	d>					
85 Tra	insaction ID					
	mTransactionID					
	rceGrp component	N	NEW			
ansactior mponent	AttributeGrp	N	NEW			
B Te	xt					
54 En	codedTextLen					
55 En	codedText					
andard T	railer	Y				

5.2 MarginRequirementReport (35=CJ)

To be completed at the time of the proposal – all information provided will be stored in the repository					
Message Name MarginRequirementReport					
Message Abbreviated Name (for FIXML)	MgnReqmtRpt				
Category	(no change)				

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

Action		New	_X_Change		
Message Synopsis	(no change)				
Required, short, one or two paragraph description of the message.					
Message Elaboration	(no change)				
Optional longer description of the message usage					
To be finalized by FPL Technical Office					
(MsgType(tag 35) Enum	eration	CJ			
Repository Component I	ID	121			

Tag	Field Name	Req'd	Action	Mappings and Usage Comments	FIX Spec Comments
Standa	ırd Header	Y			MsgType=CJ
<trun< td=""><td>cated></td><td></td><td></td><td></td><td></td></trun<>	cated>				
325	UnsolicitedIndicator				
Parties	component				
<mark>1934</mark>	RegulatoryReportType	N	ADD		
tbd <u>2869</u>	Regulatory Report Type Bu siness Date	N	NEW		May be used when the business event date differs from when the regulatory report is actually being submitted (typically specified in TrdRegTimestamps component).
TrdReg	<mark>Timestamps component</mark>		ADD		
715	ClearingBusinessDate				
<mark>tbd</mark> 2870	ClearingPortfolioID	N	<mark>NEW</mark>		
716	SettlSessID				
717	SettlSessSubID				
<trun< td=""><td>cated></td><td></td><td>•</td><td></td><td></td></trun<>	cated>		•		
Standa	ırd Trailer	Y			

5.3 PositionReport (35=AP)

To be completed at the time of the proposal – all information provided will be stored in the repository

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		October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4	Formatte				
Message Name		PositionReport	Formatte				
Message Abbreviated N	ame (for	PosRpt					
FIXML)							
Category		(no change)					
Action		New _X_Change					
Message Synopsis	(no change)						
Required, short, one							
or two paragraph							
description of the							
message.							
Message Elaboration	(no change)						
Optional longer							
description of the							
message usage							
	To be	finalized by FPL Technical Office					
(MsgType(tag 35) Enum	eration	AP					
Repository Component ID		<u>75</u>					

Tag	Field Name	Req'd	Action	Mappings and Usage Comments	FIX Spec Comments
Standa	Standard Header				MsgType=AP
<trun< td=""><td>cated></td><td></td><td></td><td></td><td>·</td></trun<>	cated>				·
728	PosReqResult				
325	UnsolicitedIndicator				
<mark>1934</mark>	RegulatoryReportType	N	ADD		
tbd <u>2869</u>	RegulatoryReportTypeBu sinessDate	N	NEW		May be used when the business event date differs from when the regulatory report is actually being submitted (typically specified in TrdRegTimestamps component).
Transa compo	<mark>ctionAttributeGrp</mark> nent	N	NEW		
TrdReg	Timestamps component	N	ADD		
715	ClearingBusinessDate				
2084	PreviousClearingBusines sDate				
<mark>tbd</mark> 2870	ClearingPortfolioID	N	NEW		

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Repor	ting v0.4_changetracked.c	kocx						
			Octo	<u>ber 17, 2019</u> October 17	7, 2019 - <u>Revision 0.4 Revision 0.4</u>		Formatte	
Tag	Field Name	Req'd	Action	Mappings and Usage Comments	FIX Spec Comments		Formatte	
<trun< td=""><td>icated></td><td></td><td></td><td></td><td>·</td><td>1</td><td></td></trun<>	icated>				·	1		
2101	TerminatedIndicator							
tbd 2878	TerminationDate	N	NEW					
2373	IntraFirmTradeIndicator							
<trun< td=""><td>icated></td><td></td><td></td><td></td><td></td><td></td><td></td></trun<>	icated>							
Collate	eralAmountGrp component					-		
<mark>tbd</mark> 2868	CollateralizationValueDa te	N	NEW					
PosUn	dInstrmtGrp component							
<trun< td=""><td>cated></td><td>1</td><td>1</td><td>1</td><td>1</td><td></td><td></td></trun<>	cated>	1	1	1	1			
Standa	ırd Trailer	Y				1		

5.4 TradeCaptureReport (35=AE)

To be completed at the	To be completed at the time of the proposal – all information provided will be stored in the repository					
Message Name		TradeCaptureReport				
Message Abbreviated Name (for FIXML)		TrdCaptRpt				
Category		(no change)				
Action		New	_X_Change			
Message Synopsis	(no change)					
Required, short, one or two paragraph description of the message.						
Message Elaboration Optional longer description of the	(no change)					
message usage						
	To be	finalized by FPL	Fechnical Office			
(MsgType(tag 35) Enum	eration	AE				
Repository Component I	D	<u>64</u>				

EU SFTR ReportingEU SFTR Reporting						Form
<u>FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR</u> Reporting v0.4_changetracked.docx						Form
Repor	ting v0.4_changetracked.	30CX	Octo	her 17 2019October 1	7, 2019 - Revision 0.4 Revision 0.4	Form
Tag	Field Name	Req'd	Action	Mappings and Usage Comments	FIX Spec Comments	Form
Standa	rd Header	Y			MsgType=AE	
<trun< td=""><td>cated></td><td></td><td></td><td></td><td>L</td><td></td></trun<>	cated>				L	
Relate compo	dInstrumentGrp nent					
Collate	ralAmountGrp component					
tbd 2868	CollateralizationValueDa te	N	NEW			
RateSo	urce component					
Transa compo	<mark>ctionAttributeGrp</mark> nent	N	<mark>NEW</mark>			
<trun< td=""><td>cated></td><td></td><td></td><td></td><td></td><td></td></trun<>	cated>					
1741	UpfrontPriceType					
75	TradeDate					
715	ClearingBusinessDate					
<mark>tbd</mark> 2870	ClearingPortfolioID	N	<mark>NEW</mark>			
6	AvgPx					
<trun< td=""><td>cated></td><td></td><td></td><td></td><td></td><td></td></trun<>	cated>					
64	SettlDate					
<mark>tbd</mark> 2878	TerminationDate	N	NEW			
987	UnderlyingSettl <u>e</u> mentDa te					
<trun< td=""><td>cated></td><td></td><td></td><td></td><td></td><td></td></trun<>	cated>					
1934	RegulatoryReportType	Ν				
tbd <u>2869</u>	RegulatoryReportTypeBu sinessDate	N	NEW		May be used when the business event date differs from when the regulatory report is actually being submitted (typically specified in TrdRegTimestamps component).	
1935	VoluntaryRegulatoryRep ort	N				
1936	TradeCollateralization	N				
<trun< td=""><td>cated></td><td></td><td>•</td><td>•</td><td>·</td><td></td></trun<>	cated>		•	•	·	
Standa	rd Trailer	Y				

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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6 FIX Component Blocks

6.1 CollateralAmountGrp

To be completed at the time of the proposal – all information provided will be included in the repositor					
Component Name		CollateralAmountGrp			
Component Abbreviated FIXML)	d Name (for	CollAmt			
Component Type		_X Block Repeating Block			
Category		(no change)			
Action		New _X_Change			
Component Synopsis	(no change)				
Component Elaboration	(no change)				
	То	be finalized by FPL Technical Office			
Repository Component ID		2191			

Component FIXML Abbreviation: < <i>CollAmt</i> >							
Tag	Field Name		Req'd	ICR	Actio n	Mappings and Usage	Comments
						Comments	
1703	NoColla	ateralAmounts					
1704	\rightarrow	CurrentCollateralAmount					
<trunc< td=""><td>ated></td><td></td><td></td><td></td><td></td><td></td><td></td></trunc<>	ated>						
2690	\rightarrow	CollateralPercentOverage					
2689	\rightarrow	CollateralMarketPrice					
tbd 2840	→	CollateralReinvestmentRate	N		NEW		May be used to specify the average reinvestment rate Wwhen there are multiple instances of the CollateralReinvestmen tGrp-component are present this field specifies the average reinvestment rate.
Collater	alReinve	estmentGrp component	N		<mark>NEW</mark>		

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Reporti	Reporting v0.4_changetracked.docx							
	October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4							Formatte
		Component	FIXML A	bbrev	iation: <	CollAmt>		Formatte
Тад	Field N	ame	Req'd	ICR	Actio	Mappings and	Comments	
-					n	Usage		
						Comments		
<mark>tbd</mark>	→	UnderlyingRefID	N		NEW		May be used to	
<mark>2841</mark>							indicate that this entry	
							applies to the	
							<mark>underlying collateral</mark>	
							<mark>instrument being</mark>	
							referenced by the	
							value in	
							UnderlyingID(tbd<u>2874</u>)	
			<u> </u>				<mark>.</mark>	
			<td>ollAmt</td> <td>></td> <td></td> <td></td> <td></td>	ollAmt	>			

6.2 CollateralReinvestmentGrp

i				
To be completed at the time of the proposal – all information provided will be included in the repository				
Component Name		CollateralReinvestmentGrp		
Component Abbreviated FIXML)	d Name (for	CollRnvstmnt		
Component Type		_X Block Repeating Block		
Category		Common		
Action		_X_New _X_Change		
Component Synopsis	be used to pro	ReinvestmentGrp component block is a repeating group that may ovide a breakdown of <u>the cash collateral's</u> reinvestment types (e.g. CollateralType(1704)="CASH").		
Component Elaboration	(no change)			
	То	be finalized by FPL Technical Office		
Repository Component ID		2266		

	Component FIXML Abbreviation: < <i>CollRnvstmnt</i> >					
Tag	Field Name	Req'd	ICR	Actio	Mappings and	Comments
				n	Usage Comments	
<mark>tbd</mark> 2845	NoCollateralReinvestments	N	-	<mark>NEW</mark>		

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Form Reporting v0.4_changetracked.docx									
Reporting v0.4_changetracked.docx October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4 Form Component FIXML Abbreviation: <collrnvstmnt> Tag Field Name Req'd ICR Actio Mappings and Comments</collrnvstmnt>	EU SFTR Reporting							Formatte	
<u>October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4</u> Form Component FIXML Abbreviation: <collrnvstmnt> Tag Field Name Req'd ICR Actio Mappings and Comments</collrnvstmnt>	FIX Pro	otocol Ga	ap Analysis - SFTR Reporting	v0.4_EP2	<u>254_</u> A	<u>SBUILT</u> F	IX Protocol Gap Analy	sis – SFTR	 Formatte
Component FIXML Abbreviation: <collrnvstmnt> Tag Field Name Req'd ICR Actio Mappings and Comments</collrnvstmnt>	Reporting v0.4_changetracked.docx								
TagField NameReq'dICRActioMappings andComments				Octobe	r 17, 2	2019 <mark>Oct</mark>	ober 17, 2019 - <u>Revisic</u>	on 0.4Revision 0.4	Formatte
			Component FIX	ML Abb	reviati	on: < <i>Co</i>	llRnvstmnt>		Formatte
n Usage Comments	Тад	Field N	lame	Req'd	ICR	Actio	Mappings and	Comments	
	-			-		n	Usage Comments		
tbd → CollateralReinvestmentType N NEW Required if	<mark>tbd</mark>	<mark>→</mark>	CollateralReinvestmentType	N		<mark>NEW</mark>		Required if	
2844 NoCollateralRei	<mark>2844</mark>							<mark>NoCollateralRei</mark>	
nvestments(tbd								•	
<u>2845</u>) > 0.								<mark>2845) > 0.</mark>	
<mark>tbd</mark> → CollateralReinvestmentAmo <u>N</u> NEW	<mark>tbd</mark>	→	CollateralReinvestmentAmo	N		<mark>NEW</mark>			
<u>2842</u> unt	<u>2842</u>		unt						
tbd → CollateralReinvestmentCurr <u>N</u> NEW	tbd	→	CollateralReinvestmentCurr	N		<mark>NEW</mark>			
2843 ency	<u>2843</u>		ency						
				<td>nvstm</td> <td>nt></td> <td></td> <td></td> <td></td>	nvstm	nt>			

6.3 FundingSourceGrp____

To be completed at the time of the proposal – all information provided will be included in the repository				
Component Name	FundingSourceGrp			
Component Abbreviated Name (fo FIXML)	or <mark>FndngSrc</mark>			
Component Type	_X Block Repeating Block			
Category				
Action	_X_NewChange			
	funding sources used to finance a loan. <u>This component is used to specify the</u> ource(s) used to finance a margin loan or collateralized loan.			
Component Elaboration				
To be finalized by FPL Technical Office				
Repository Component ID	2267			

	Component FIXML Abbreviation: < <i>FndngSrc</i> >						
Tag	Field N	Req'd	ICR	Action	Mappings and Usage Comments	Comments	
<mark>tbd</mark> 2849	<mark>NoFunc</mark>	N		<mark>NEW</mark>			
<mark>tbd</mark> 2846	→	FundingSource	N		NEW		Required if NoFundingSour ces(tbd<u>2849</u>) > 0.

FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

Formatte

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	Component FIXML Abbreviation: < <i>FndngSrc</i> >						
Tag	Tag Field Name		Req'd	ICR	Action	Mappings and Usage Comments	Comments
<mark>tbd</mark> 2848	→	FundingSourceMarketValue	N		<mark>NEW</mark>		
<mark>tbd</mark> 2847	→	FundingSourceCurrency	N		NEW		

6.4 LegPaymentStream

To be completed at the time of the proposal – all information provided will be included in the repository						
Component Name		LegPaymentStream				
Component Abbreviated FIXML)	d Name (for	PmtStrm				
Component Type		Block Repeating _X Block				
Category		(no change)				
Action		New _X_Change				
Component Synopsis	(no change)					
Component Elaboration	(no change)					
	То	be finalized by FPL Technical Office				
Repository Component ID		4035				

	Component FIXML Abbreviation: < <i>PmtStrm</i> >						
Tag	Field Name	Req'd	ICR	Actio	Mappings and	Comments	
				n	Usage Comments		
<trund< td=""><td colspan="6"><truncated></truncated></td></trund<>	<truncated></truncated>						
42399	LegPaymentStreamCashSettlIndicato						
	r						
40282	LegPaymentStreamSettlCurrency						
40283	LegPaymentStreamDayCount						

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

Formatte

	Component FIXML Abbreviation: < <i>PmtStrm</i> >						
Tag	Field Name	Req'd	ICR	Actio	Mappings and	Comments	
				n	Usage Comments		
tbd <u>43108</u>	LegPaymentStreamOtherDayCount	N		NEW		May be used only to specify a day count method not listed in LegPaymentStre amDayCount(40 283).	
40284	LegPaymentStreamAccrualDays						
40285	LegPaymentStreamDiscountType						
<truncated></truncated>							

6.5 MarginAmount

To be completed at the time of the proposal – all information provided will be included in the repository						
Component Name		MarginAmount				
Component Abbreviated Name (for FIXML)		MgnAmt				
Component Type		_X Block Repeating Block				
Category		(no change)				
Action		NewX_Change				
Component Synopsis	(no change)					
Component Elaboration	(no change)					
	То	be finalized by FPL Technical Office				
Repository Component ID		2177				

Component FIXML Abbreviation: < <i>MgnAmt</i> >								
Тад	Field Name		Req'd	ICR	Actio	Mappings and	Comments	
					n	Usage Comments		
1643	3 NoMargingAmt							
1645	\rightarrow	MarginAmt						
<trun< td=""><td colspan="8"><truncated></truncated></td></trun<>	<truncated></truncated>							
2089	\rightarrow	MarginAmtFXRateCalc						

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EU SFTR Reporting

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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Component FIXML Abbreviation: < <i>MgnAmt</i> >							
Тад	Field Name		Req'd	ICR	Actio	Mappings and	Comments
					n	Usage Comments	
1714	\rightarrow	MarginAmountMarketSegm entID					
1715	\rightarrow	MarginAmountMarketID					
<mark>tbd</mark> 2851	<mark>→</mark>	MarginDirection	N		<mark>NEW</mark>		

6.6 MiscFeesGrp

To be completed at the time of the proposal – all information provided will be included in the repository							
Component Name		MiscFeesGrpGr	MiscFeesGrpGrp				
Component Abbreviated Name (for FIXML)		MiscFees	MiscFees				
Component Type		_X Block Rep	eating Block				
Category		(no change)					
Action		New	_X_Change				
Component Synopsis	(no change)						
Component Elaboration	Add: MiscFeesGrp should be used to convey fees related to the transaction (e.g. taxes, transaction based fees, etc.) and <u>should not be</u> used to specify payments based on the price <u>and or</u> terms of the contract (e.g. upfront fee, premium amount, security lending fee, contract-based rebates, related fee resets, payment frequency, etc.). For contractual payments use the PaymentGrp component instead.						
	To be finalized by FPL Technical Office						
Repository Component ID		<u>2035</u>					

<u>FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR</u> Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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6.7 PaymentGrp

To be completed at the time of the proposal – all information provided will be included in the repository

	•	· · · · ·				
Component Name		PaymentGrp				
Component Abbreviate FIXML)	d Name (for	Pmt				
Component Type		_X Block Repeating Block				
Category		(no change)				
Action		New _X_Change				
Component Synopsis	(no change)					
Component	<mark>Add:</mark>					
Elaboration	This component is positioned outside the Instrument component as it is used to specify payments based on the price and terms of the contract, e.g. upfront fee, premium amount, security lending fee and contract-based rebates.					
	When PaymentFrequencyUnit(tbd<u>43103</u>) and PaymentFrequencyPeriod(tbd<u>43102</u>) are specified the payments are deemed to be periodic for the specified PaymentType(40213).					
	To be finalized by FPL Technical Office					
Repository Component ID		4027				

	Component FIXML Abbreviation: < <i>Pmt</i> >						
Tag	Field Name		Req' d	ICR	Action	Mappin gs and Usage Comme nts	Comments
40213	NoPayments						
<trunca< td=""><td>ated></td><td>•</td><td></td><td></td><td></td><td></td><td></td></trunca<>	ated>	•					
40216	\rightarrow	PaymentCurrency					
<mark>40217</mark>	→	PaymentAmount			CHANGE		Either PaymentAmount(40217), Paymen <u>t</u> FixedRate(tbd43 097) or Payment R FloatingRateInd ex(tbd43098) must be specified.
42598	\rightarrow	PaymentAmountRelativeTo					
42599	\rightarrow	PaymentAmountDeterminati onMethod					

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FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4

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	Component FIXML Abbreviation: < <i>Pmt</i> >						<	
Tag	Field	I Name	Req' d	ICR	Action	Mappin gs and Usage Comme nts	Comments	
<mark>tbd</mark> 43097	\rightarrow	PaymentFixedRate	N		NEW		Either PaymentAmount(40217), PaymentFixedRate(tbd43 097) or PaymentREloatingRateInd ex(tbd43098) must be specified.	
<mark>tbd</mark> <u>43098</u>	→	PaymentFloatingRateIndex	N		NEW		Either PaymentAmount(40217), PaymentFixedRate(tbd43 097) or PaymentRFloatingRateInd ex(tbd43098) must be specified.	
<mark>tbd</mark> 43100	→	PaymentFloatingRateIndexC urveUnit	N		NEW		Conditionally required when PaymentFloatingRateInde xCurvePeriod(tbd<u>43099</u>) is specified.	
<mark>tbd</mark> <mark>43099</mark>	<i>></i>	PaymentFloatingRateIndexC urvePeriod	N		NEW		Conditionally required when PaymentFloatingRateInde xCurveUnit(tbd<u>43100</u>) is specified.	
tbd <u>43101</u>	→	PaymentFloatingRateSpread	N		NEW		Conditionally required when PaymentFloatingRateInde x(tbd<u>43098</u>) is specified and the spread to the index is not "zero". When the spread to the index is "zero" this may be omitted.	
<mark>tbd</mark> 43105	→	PaymentRateResetFrequenc yUnit	N		NEW		Conditionally required when PaymentRateResetFreque ncyPeriod(tbd <u>43104</u>) is specified.	
<mark>tbd</mark> 43104	<i>></i>	PaymentRateResetFrequenc yPeriod	N		NEW		Conditionally required when PaymentRateResetFreque ncyUnit(tbd<u>43105</u>) is specified.	

EU SFTR Reporting

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4

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Component FIXML Abbreviation: < <i>Pmt</i> >							
Tag	Field	Name	Req' d	ICR	Action	Mappin gs and Usage Comme nts	Comments
<mark>tbd</mark> 43103	\rightarrow	PaymentFrequencyUnit	N		NEW		Conditionally required when PaymentFrequencyPeriod (tbd43102) is specified.
<mark>tbd</mark> <u>43102</u>	>	PaymentFrequencyPeriod	N		NEW		Conditionally required when PaymentFrequency <u>UnitP</u> eriod(tbd43103) is specified.
40218	\rightarrow	PaymentPrice					
40919	\rightarrow	PaymentPriceType					
<trunca< td=""><td colspan="6"><truncated></truncated></td></trunca<>	<truncated></truncated>						

6.8 PaymentStream

To be completed at the time of the proposal – all information provided will be included in the repository						
Component Name		PaymentStream				
Component Abbreviated Name (for FIXML)		PmtStrm				
Component Type		Block Repeating _X Block				
Category		(no change)				
Action		NewX_Change				
Component Synopsis	(no change)					
Component Elaboration	(no change)					
	То	be finalized by FPL Technical Office				
Repository Component ID		<u>4070</u>				

	Com	oonent FIXML Abbr	reviati	ion: <p< th=""><th>PmtStrm></th><th></th></p<>	PmtStrm>	
Тад	Field Name	Req'd IC	CR A	Actio	Mappings and	Comments
			r	n	Usage Comments	

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	Component	FIXML A	bbrevi	ation: </td <td>PmtStrm></td> <td></td> <td>-(</td> <td>Formatte</td>	PmtStrm>		-(Formatte
Тад	Field Name	Req'd	ICR	Actio n	Mappings and Usage Comments	Comments		
<trun< td=""><td>cated></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></trun<>	cated>							
42600	PaymentStreamCashSettlIndicator							
40741	PaymentStreamSettlCurrency							
40742	PaymentStreamDayCount							
<mark>tbd</mark> <u>43106</u>	PaymentStreamOtherDayCount	N		NEW		May be used only-to specify a day count method not listed in PaymentStream DayCount(4074 2).		
40743	PaymentStreamAccrualDays							
40744	PaymentStreamDiscountType							
<trun< td=""><td>cated></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></trun<>	cated>							
		<td>ntStrm</td> <td>></td> <td></td> <td></td> <td></td> <td></td>	ntStrm	>				

6.9 TransactionAttributeGrp

To be completed at the	time of the pro	posal – all information provided will be included in the repository				
Component Name		TransactionAttributeGrp				
Component Abbreviated Name (for FIXML)		TxnAttrb				
Component Type		_X Block Repeating Block				
Category		Common				
Action		_X_New _X_Change				
Component Synopsis		onAttributeGrp component block is a repeating group that may ovide additional transaction attributes for the trade and other ents.				
Component Elaboration	(no change)					
	То	be finalized by FPL Technical Office				
Repository Component ID		2268				

Component FIXML Abbreviation: < TxnAttrb>

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Тад	Field N	lame	Req'd	ICR	Actio	Mappings and	Comments	Formatte
					n	Usage Comments		
tbd	<mark>NoTran</mark>	isaction Attributes			<mark>NEW</mark>			
2871							Deguined if	
tbd 2872	<mark>→</mark>	TransactionAttributeType			<mark>NEW</mark>		Required if	
<u>2872</u>							NoTransactionA	
							ttributes(tbd 28	
ام مالح							<u>71) > 0.</u>	
<mark>tbd</mark> 2873	<mark>→</mark>	TransactionAttributeValue			<mark>NEW</mark>			
		•	<td>nAttrb</td> <td>></td> <td></td> <td></td> <td></td>	nAttrb	>			

6.10 SideCollateralAmountGrp

To be completed at the	time of the pro	posal – all information provided will be included in the repository				
Component Name		SideCollateralAmountGrp				
Component Abbreviated FIXML)	l Name (for	CollAmt				
Component Type		_X Block Repeating Block				
Category		(no change)				
Action		NewX_Change				
Component Synopsis	(no change)					
Component Elaboration	(no change)					
	То	be finalized by FPL Technical Office				
Repository Component ID		2260				

	Component FIXML Abbreviation: < <i>CollAmt</i> >						
Тад	Field N	ame	Req'd	ICR	Actio	Mappings and	Comments
					n	Usage Comments	
2691	NoSide	Collateral Amounts					
2702	\rightarrow	SideCurrentCollateralAmou					
		nt					
<trund< td=""><td>cated></td><td></td><td></td><td></td><td></td><td></td><td></td></trund<>	cated>						
2699	\rightarrow	SideCollateralPercentOvera					
		ge					
2698	\rightarrow	SideCollateralMarketPrice					

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		Component	FIXML A	bbrevi	iation: <	CollAmt>		Formatte
Tag	Field N	lame	Req'd	ICR	Actio	Mappings and	Comments	
_			-		n	Usage Comments		
tbd <u>2862</u>	→ →	SideCollateralReinvestment Rate	N		NEW		May be used to specify the average reinvestment rate Wwhen there are multiple instances of the SideCollateralRe investmentGrp component are present this field specifies the average reinvestment	
Cide Cel		in an transferrer and the second second	N		NEW		rate.	
		einvestmentGrp component	N					
tbd <u>2863</u>	→	SideUnderlyingRefID	N		NEW		May be used to indicate that this entry applies to the underlying collateral instrument being referenced by the value in UnderlyingID(tb d2874).	
	•	1	<td>llAmt</td> <td>></td> <td>1</td> <td></td> <td></td>	llAmt	>	1		

<u>EU SFTR Reporting</u> FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR

Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

6.11 SideCollateralReinvestmentGrp

To be completed at the time of the proposal – all information provided will be included in the repository

Component Name		SideCollateralReinvestmentGrp
Component Abbreviated Name (for FIXML)		CollRnvstmnt
Component Type		_X Block Repeating Block
Category		Common
Action		_X_New _X_Change
Component Synopsis	may be used t	teralReinvestmentGrp component block is a repeating group that to provide a breakdown of <u>the cash collateral's</u> reinvestment ounts when <u>(e.g.</u> SideCollateralAmount Type(17042701)="CASH").
Component Elaboration	(no change)	
	То	be finalized by FPL Technical Office
Repository Component ID		2269

		Component FIX	ML Abb	reviati	on: < <i>Co</i>	llRnvstmnt>	
Тад	Field N	Field Name		ICR	Actio	Mappings and	Comments
					n	Usage Comments	
tbd	NoSide	CollateralReinvestments		_	<mark>NEW</mark>		
<mark>2864</mark>							_
<mark>tbd</mark>	<mark>→</mark>	SideCollateralReinvestment	N		<mark>NEW</mark>		Required if
<mark>2867</mark>		<mark>Туре</mark>					<mark>NoSideCollatera</mark>
							<mark>lReinvestments(</mark>
							<mark>tbd<u>2864</u>) > 0.</mark>
<mark>tbd</mark>	<mark>→</mark>	SideCollateralReinvestment	N		<mark>NEW</mark>		
<mark>2865</mark>		<mark>Amount</mark>					
<mark>tbd</mark>	<mark>→</mark>	SideCollateralReinvestment	N		<mark>NEW</mark>		
<mark>2866</mark>		Currency					
			<td>nvstm</td> <td>nt></td> <td></td> <td></td>	nvstm	nt>		

Page 32 of 72

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October 17, 2019 October 17, 2019 Revision 0.4

6.12 UnderlyingInstrument

EU SFTR ReportingEU SFTR Reporting

To be completed at the time of the proposal – all information provided will be included in the repository

FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR

Component Name		UnderlyingInst	trument			
Component Abbreviated Name (for		Undly				
FIXML)						
Component Type		Block Rep	eating _ <mark>X</mark> Block			
Category		(no change)				
Action		New	_X_Change			
Component Synopsis	(no change)					
Component Elaboration	(no change)					
	То	be finalized by FPL	Technical Office			
Repository Component ID		<u>1021</u>				

	Component FIXML Abbreviation: <undly></undly>							
Tag	ag Field Name Req'd ICR Actio Mappings and Comments							
				n	Usage Comments			
311	Unde <mark>l</mark> r <u>l</u> yingSymbol							
312	UnderlyingSymbolSfx							
309	UnderlyingSecurityID							
305	305 UnderlyingSecurityIDSource							
UndSec	AltIDGrp							

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		-				<u>011 0.4 REVISION 0.4</u>	
	Componer				<undly></undly>		For
Tag	Field Name	Req'd	ICR	Actio n	Mappings and Usage Comments	Comments	
tbd 2874	UnderlyingID	N		NEW		Used for unique identification of the underlying instance that can subsequently be used to serve as input value for fields such as UnderlyingRefi D(tbd2841), for example, whenever a simple underlying reference is allowed or needed.	
462	UnderlyingProduct						
	yingSecurityXML						
463	UnderlyingCFICode						
<u>trun</u>	cated>	- [1	1		
.993	<u>UnderlyingCouponDayCount</u>						
<u>881</u> 994	UnderlyingCouponOtherDayCount UnderlyingObligationID	<u>N</u>		<u>NEW</u>		+	

6.13Und <u>er</u> ly <u>ing</u> PaymentStream								
To be completed at the time of the proposal – all information provided will be included in the repository								
Component Name		Und <u>er</u> ly <u>ing</u> PaymentStream						
Component Abbreviated Name (for FIXML)		PmtStrm						
Component Type		Block Repeating _X Block						
Category		(no change)						
Action		New _X_Change						
Component Synopsis	(no change)							
Component Elaboration	(no change)							
To be finalized by FPL Technical Office								
Repository Component ID		<u>4059</u>						

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

Component FIXML Abbreviation: < <i>PmtStrm</i> >							
Tag	Field Name	Req'd	ICR	Actio n	Mappings and Usage Comments	Comments	
<truncated></truncated>							
42895	UnderlyingPaymentStreamCashSettll ndicator						
40571	UnderlyingPaymentStreamSettlCurre ncy						
40572	UnderlyingPaymentStreamDayCount						
tbd <u>43107</u>	UnderlyingPaymentStreamOtherDay Count	N		NEW		May be used only-to specify a day count method not listed in UnderlyingPay mentStreamDay Count(40572).	
40573	UnderlyingPaymentStreamAccrualDa ys						
40574	UnderlyingPaymentStreamDiscountT ype						
<truncated></truncated>							

EU SFTR ReportingEU SFTR Reporting

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6.14PositionAmountData

To be completed at the time of the proposal – all information provided will be included in the repository **Component Name** PositionAmountData Component Abbreviated Name (for Amt FIXML) **Component Type** ___X_ Block Repeating ____ Block Category (no change) Action New X_Change **Component Synopsis** (no change) Component (no change) Elaboration To be finalized by FPL Technical Office **Repository Component ID** <u>1014</u>

Component FIXML Abbreviation: < <i>Amt</i> >								
Tag Field Name		Req'd	ICR	Actio	Mappings and	Comments		
				n	Usage Comments			
753 NoPosAmt								
707	\rightarrow	PosAmtType						
708	\rightarrow	PosAmt						
<truncated></truncated>								
2100	\rightarrow	→ PosAmtMarketID						
<mark>tbd</mark> 2876	<mark>→</mark>	PosAmtPrice	N		<mark>NEW</mark>			
<mark>tbd</mark> 2877	<mark>→</mark>	PosAmtPriceType	N		<mark>NEW</mark>			

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FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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6.15Instrument

To be completed at the time of the proposal – all information provided will be included in the repository

Component Name		Instrument	
Component Abbreviated	d Name (for	Instrmt	
FIXML)			
Component Type		Block Repe	eating _X_Block
Category		(no change)	
Action		New	_X_Change
Component Synopsis	(no change)		
Component	(no change)		
Elaboration			
	Το	be finalized by FPL T	Technical Office
	10		
Repository Component ID		<u>1003</u>	

	Component FIXML Abbreviation: <instrmt></instrmt>									
Tag	Field Name	Req'd	ICR	Actio	Mappings and	Comments				
				n	Usage Comments					
<trun< td=""><td colspan="10"><truncated></truncated></td></trun<>	<truncated></truncated>									
1950	CouponDayCount									
<mark>tbd</mark> 2879	CouponOtherDayCount	N		<mark>NEW</mark>						
1951	ConvertibleBondEquityID									
<truncated></truncated>										

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<u>FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR</u> Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4

6.16InstrumentLeg

To be completed at the time of the proposal – all information provided will be included in the repository

Component Name		InstrumentLeg
Component Abbreviated FIXML)	d Name (for	Leg
Component Type		Block Repeating _X_ Block
Category		(no change)
Action		NewX_Change
Component Synopsis	(no change)	
Component	(no change)	
Elaboration		
	То	o be finalized by FPL Technical Office
Repository Component ID		1005

	Component FIXML Abbreviation: <leg></leg>									
Tag	Field Name	Req'd	ICR	Actio	Mappings and	Comments				
				n	Usage Comments					
<trun< td=""><td colspan="10"><truncated></truncated></td></trun<>	<truncated></truncated>									
2165	LegCouponDayCount									
<mark>tbd</mark>	LegCouponOtherDayCount	N		<mark>NEW</mark>						
<mark>2880</mark>										
2166	2166 LegConvertibleBondEquityID									
<truncated></truncated>										

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r3.2	

To be (completed at the	time of the pro	posal –	all in	forma	tion pro	vided will be included	in the repository
Component Name			Under	lying	Instru	ment		
Component Abbreviated Name (for FIXML)			Undly					
Compo	ment Type		<u> </u>	ock F	Repeat	ting _X	_Block	
Catego	ry		(no ch	ange)			
Action			<u>Nev</u>	V	_	_X_Chan	<mark>ge</mark>	
Component Synopsis (no change)								
Compo Elabor i								
		To	be finaliz	ed by	FPL Tec	chnical Of	fice	
Reposite	ory Component ID							
		Compoi	nent FIX	(ML /	\bbre\	viation: -	<undly></undly>	
Tag	Field Name	Re	:q'd	ICR	Actio n	Mappings and Usage Comments	Comments	
<trun< td=""><td>cated></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></trun<>	cated>							
1993	UnderlyingCoup							
<mark>tbd</mark>	UnderlyingCoup		<mark>N</mark>		<mark>NEW</mark>			
1994	UnderlyingConve	ID						
<trun< td=""><td>cated></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></trun<>	cated>							
					ndly>			

7 Category Changes

None.

6.17 UnderlyingInstrument

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4

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Appendix A - Data Dictionary

Тад	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
<mark>tbd</mark> 2840	CollateralReinvestmen tRate	NEW	Percentag e	Interest rate received for collateral reinvestement. [Elaboration: In the context of EU SFTR this is the reinvestment interest rate received from cash collateral made by the lender <u>a</u> -averaged inf there are multiple reinvestment types <u>, this</u> is an average rate.]	<mark>@RnvstmntRt</mark>	Add to CollateralAmountGrp component
<mark>tbd</mark> <u>2841</u>	UnderlyingRefID	NEW	String	Identifies the underlying instrument the entity applies to by referencing the underlying instrument's UnderlyingID(tbd <u>2874</u>).	<mark>@UndlyRefID</mark>	Add to CollateralAmountGrp component
<mark>tbd</mark> 2842	<mark>CollateralReinvestmen</mark> tAmount	<mark>NEW</mark>	<mark>Amt</mark>	Re-invested-The_cash amount of the specified re-investment type.	<mark>@Amt</mark>	Add to CollateralReinvestmentGrp component
<mark>tbd</mark> <u>2843</u>	CollateralReinvestmen tCurrency	NEW	Currency	Re-invested-cash- <u>The</u> currency_denomination of the re-invested cash amount. Uses ISO 4217 currency codes.	<mark>@Ccy</mark>	Add to CollateralReinvestmentGrp component
tbd <u>2844</u>	CollateralReinvestmen tType	NEW	<mark>Int</mark> Reserve <u>d</u> 1 00Plus	Indicates the type of investment _Type of the re-invested-cash_collateral is re-invested in. investment. 0 = Money market fund [Elaboration: Registered money market fund. In the context of EU SFTR reporting this corresponds to code "MMFT".] 1 = Other comingled pool [Elaboration: Any commingled pool other than money market fund. In the context of EU SFTR reporting this corresponds to code "OCMP".] 2 = Repo market [Elaboration: The repurchase agreement	<mark>@Тур</mark>	Add to CollateralReinvestmentGrp component

<u> </u>				2 <u>54_ASBUILTFIX Protocol Gap Analysis - SFTR</u> October 17.		2019 - Revision 0.4 Revision 0.4	Form
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Forr
				market. In the context of EU SFTR reporting this corresponds to code "REPM".]			
				3 = Direct purchase of securities [Elaboration: In the context of EU SFTR reporting this corresponds to code "SDPU".]			
				4 = Other investments [Elaboration: In the context of EU SFTR reporting this corresponds to code "OTHR".]			
əd 845	NoCollateralReinvest ments	NEW	<mark>NumlnGro</mark> up	Number of instances of CollateralReinvestmentType(tbd<u>2844</u>) in the repeating group.	=	Add to CollateralReinvestmentGrp component	
9d 3 <u>46</u>	FundingSource	NEW	Int Reserve <u>d</u> 1 00Plus	Specifies the Ffunding source used to finance amargin or collateralized loan. 0 = Rep <u>urchase agreemento</u> [Elaboration: Rep <u>urchase agreementsos</u> or Buy-Sellbacks. In the context of EU SFTR reporting this corresponds to code "REPO".]	@Src	Add to FundingSourceGrp	
				1 = Cash [Elaboration: Cash collateral from securities lending. In the context of EU SFTR reporting this corresponds to code "SECL".]			
				2 = Free credits [Elaboration: In the context of EU SFTR reporting this corresponds to code "FREE".]			
				3 = Customer short sales [Elaboration: Proceeds from customer short sales. In the context of EU SFTR reporting this			

				October 17,	2019October 17,	-2019 - <u>Revision 0.4 Revision 0.4</u>	For
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	For
				corresponds to code "CSHS".]			
				4 = Broker short sales [Elaboration: Proceeds from broker short sales. In the context of EU SFTR reporting this corresponds to code "BSHS".]			
				5 = Unsecured borrowing [Elaboration: In the context of EU SFTR reporting this corresponds to code "UBOR".]			
				99 = Other [Elaboration: In the context of EU SFTR reporting this corresponds to code "OTHR".]			
<mark>tbd</mark> 2847	FundingSourceCurrenc <mark>y</mark>	NEW	<mark>Currency</mark>	Currency <u>denomination</u> of the market value of the funding source. Uses ISO 4217 currency codes.	<mark>@Ccy</mark>	Add to FundingSourceGrp	
<mark>tbd</mark> 2848	FundingSourceMarket Value	NEW	<mark>Amount</mark>	Market value of the funding source.	<mark>@MktValu</mark>	Add to FundingSourceGrp	
<mark>tbd</mark> 2849	NoFundingSources	NEW	NumInGro up	Number of instances of FundingSource(tbd<u>2846</u>) in the repeating group.	_	Add to FundingSourceGrp	
<mark>tbd</mark> 13108	LegPaymentStreamOt herDayCount	NEW	String	The industry name of the day count convention not listed in LegPaymentStreamDayCount(40283).	<mark>@Oth<u>e</u>rDayCnt</mark>	Add to LegPaymentStream component	
<mark>tbd</mark> 2851	MarginDirection	NEW	int	Indicates whether the margin described is posted or received.	<mark>@Dirctn</mark>	Add to MarginAmount component	
				0 = Posted [Elaboration: The party or account that is the object of the report posted margin.]			

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FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

Tee	Field Neme	Action	Deteture				Forma
Tag	Field Name	Action	Datatype	Description	FIXML	Add to / Deprecate from	Forma
					Abbreviation	Message type or Component	
						block	
				[Elaboration: The party or account that is the			
				object of the report received margin.]			
<mark>tbd</mark>	PaymentFixedRate	<mark>NEW</mark>	Percentag	The rate applicable to the fixed rate payment.	<mark>@Rt</mark>	Add to PaymentGrp	
<mark>43097</mark>			e				
tbd	PaymentFloatingRatel	<mark>NEW</mark>	<mark>String</mark>	The payment floating rate index. See	<mark>@Ndx</mark>	Add to PaymentGrp	
<mark>43098</mark>	ndex			SpreadOrBenchmarkCurveData(221) for			
				suggested values.			-
tbd	PaymentFloatingRatel	<mark>NEW</mark>	<mark>int</mark>	Time unit multiplier for the floating rate index.	<mark>@NdxPeriod</mark>	Add to PaymentGrp	
<mark>43099</mark>	ndexCurvePeriod						
tbd	PaymentFloatingRatel	<mark>NEW</mark>	<mark>String</mark>	Time unit associated with the floating rate	<mark>@NdxUnit</mark>	Add to PaymentGrp	
<u>43100</u>	ndexCurveUnit			<mark>index.</mark>			
				(Uses enumerations from			
				PaymentStreamRateIndexCurveUnit(40791))			
tbd	PaymentFloatingRateS	<mark>NEW</mark>	PriceOffse	Spread from floating rate index.	<mark>@Spread</mark>	Add to PaymentGrp	
<u>43101</u>	pread		t				
tbd	PaymentFrequencyPer	<mark>NEW</mark>	<mark>int</mark>	Time unit multiplier for the payment	<mark>@FreqPeriod</mark>	Add to PaymentGrp	
<u>43102</u>	iod			frequency.			
tbd	PaymentFrequencyUni	<mark>NEW</mark>	<mark>String</mark>	Time unit associated with the payment	<mark>@FreqUnit</mark>	Add to PaymentGrp	
<mark>43103</mark>	t			frequency.			
				(Uses enumerations from			
		NEN		PaymentStreamRateIndexCurveUnit(40791))			-
tbd 12101	PaymentRateResetFre	<mark>NEW</mark>	<mark>int</mark>	Time unit multiplier for the floating rate reset	@ResetFreqPerio	Add to PaymentGrp	
43104	quencyPeriod	NIENA	Chuin	frequency.			-
tbd 12105	PaymentRateResetFre	<mark>NEW</mark>	<mark>String</mark>	Time unit associated with the floating rate	<pre>@ResetFreqUnit</pre>	Add to PaymentGrp	
<u>43105</u>	<mark>quencyUnit</mark>			reset frequency.			
				(Uses enumerations from			
				(Uses enumerations from PaymentStreamRateIndexCurveUnit(40791))			
th d	PaymentStreamOther		Ctring	The industry name of the day count	@OtherDayCet		-
tbd 12106		<mark>NEW</mark>	<mark>String</mark>	convention not listed in	<mark>@Oth<u>e</u>rDayCnt</mark>	Add to PaymentStream component	
<u>43106</u>	DayCount			PaymentStreamDayCount(40742).			
L	<u> </u>			PaymentstreamDayCount(40742).]

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

Tag	Field Name	Action	Datatype	Description	FIXML	Add to / Deprecate from
					Abbreviation	Message type or Component block
362	SideCollateralReinvest mentRate	NEW	Percentag e	Interest rate received for collateral reinvestement. [Elaboration: In the context of EU SFTR this is the reinvestment interest rate received from cash collateral made by the lender. —averaged If there are multiple reinvestment types, this is an average rate.]	@RnvstmntRt	Add to SideCollateralAmountGrp component
<mark>4</mark> 63	SideUnderlyingRefID	<mark>NEW</mark>	String	Identifies the underlying instrument the entity applies to by referencing the underlying instruments's UnderlyingID(tbd2874).	<mark>@UndlyRefID</mark>	Add to SideCollateralAmountGrp component
t <mark>bd</mark> 864	NoSideCollateralReinv estments	<mark>NEW</mark>	<mark>NumInGro</mark> up	Number of instances of SideCollateralReinvestmentType(tbd 2867) in the repeating group.	<mark>-</mark>	Add to SideCollateralReinvestmentGrp component
bd 365	SideCollateralReinvest mentAmount	NEW	Amt	Re-invested- <u>The</u> cash amount <u>of the specified</u> re-investment type.	<mark>@Amt</mark>	Add to SideCollateralReinvestmentGrp component
bd 366	SideCollateralReinvest mentCurrency	NEW	Currency	Re-invested cash <u>The</u> currency <u>denomination</u> of the re-invested cash amount. Uses ISO 4217 currency codes.	<mark>@Ccy</mark>	Add to SideCollateralReinvestmentGrp component
əd 367	<mark>SideCollateralReinvest</mark> mentType	NEW	int Reserve <u>d</u> 1 OOPlus	Indicates the Type of investment the re- invested-cash collateral is re-invested in investment. (Uses enums from CollateralRein <u>ve</u> stementType(tbd2844))	<mark>@Тур</mark>	Add to SideCollateralReinvestmentGrp component
<mark>ed</mark> 68	CollateralizationValue Date	NEW	LocalMkt Date	Date when the collateral is to be assessed or assigned.	<mark>@CollztnVal<u>u</u>Dt</mark>	Add to TradeCaptureReport(35=AE), PositionReport(35=AP), and CollateralReport(35=BA)
:bd 869	Regulatory Report Type Business Date	NEW	LocalMkt Date	The business date on which the event identified in RegulatoryReportType(1934) took place.	<mark>@RegRptTypBizD</mark> t	Add to TradeCaptureReport(35=AE), CollateralReport(35=BA),

		ſ				2019 - <u>Revision 0.4 Revision 0.4</u>	Form
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	For
				[Elaboration: In the context of EU SFTR reports with a RegulatoryReportType(1934) value <tbd>7 (Post-trade valuation), <tbd>31 (Collateral update) or <tbd>32 (Margin update), the business date on which the business event took place, which results in the information contained in the report.]</tbd></tbd></tbd>		PositionReport(35=AP) and MarginRequirementReport(35=CJ) messages	
tbd 870	ClearingPortfolioID	NEW	String	When the transaction is cleared and included in a portfolio of transactions this identifies the portfolio by its unique identifier. [Elaboration: In the context of EU SFTR reporting this applies to grouped-cleared transactions grouped in a portfolio for which margins are exchanged.]	@ClrPrtflioID	Add to TradeCaptureReport(35=AE), PositionReport(35=AP) and MarginRequirementReport(35=CJ) messages	
t <mark>bd</mark> 871	NoTransactionAttribut es	NEW	<mark>NumInGro</mark> up	Number of instances of TransactionAttributeType(tbd 2872) in the repeating group.	-	Add to TransactionAttributeGrp component	
tbd 2 <u>872</u>	TransactionAttributeT ype	NEW	int	Type of attribute(s) or characteristic(s) associated with the transaction. O = Exclusive arrangement [Elaboration: In the case-context of securities borrowing and lending transaction, an indication of whether the borrower has exclusive access to borrow from the lender's securities portfolio. Not applicable to commodities. TransactionAttributeValue(tbd2873) takes Y or N value.]	<mark>@Тур</mark>	Add to TransactionAttributeGrp component	

		•	-			2019 - <u>Revision 0.4</u> Revision 0.4
ag Fiel	ld Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
				collateral taker can reuse the securities		
				provided as collateral for the transaction.		
				TransactionAttributeValue(tbd<u>2873</u>) takes Y or		
				<mark>N value.]</mark>		
				<mark>2 = Collateral arrangement type</mark>		
				[Elaboration: In the context of securities		
				financing transactions, indicates the type of		
				collateral arrangement. For EU SFTR		
				reporting, TransactionAttributeValue(tbd<u>2873</u>)		
				may take ESMA assigned values "TTCA" (title		
				transfer), "SICA" (securities financial interest),		
				or "SIUR" (securities financial interest with		
the state of Trans			Chuine	right of use).]		
<mark>tbd</mark> Trai 2873 alue	nsactionAttributeV	<mark>NEW</mark>	<mark>String</mark>	Value associated with the specificed TransactionAttributeType(tbd2872) .	<mark>@Val<u>u</u></mark>	Add to TransactionAttributeGrp component
	- lerlyingID	NEW	String	Unique identifier for the underlying	<mark>@UndlyID</mark>	Add to UnderlyingInstrument
2874			Sci 118	instrument within the context of a message.	eonayie	component
				(the scope of uniqueness to be defined by		
				counterparty agreement).		
				[Elaboration: The UnderlyingID(tbd 2874) can		
				be referenced <u>by other fields, using a field</u>		
				such as for example UnderlyingRefID(tbd2841)		
				and SideUnderlyingRefID(2863), from other		
				components . The scope of uniqueness is agreed upon between counterparties.]		
tbd Und	lerlyingPaymentStr	NEW	String	The industry name of the day count	@OtherDayCnt	Add to UnderlyingPaymentStream
	OtherDayCount		String	convention not listed in	worn <u>er Dayent</u>	component
	io ther DayCount			UnderlyingPaymentStreamDayCount(40572).		component
tbd Pos	AmtPrice	NEW	Price	The price used to calculate the PosAmt(708).	<mark>@Px</mark>	Add to PositionAmountData
876						component.
				[Elaboration: This may be used for certain		
				PosAmtType(707) values where the		

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FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4 changetracked.docx

ag Field Name	Action	Datatype	Description	FIXML	Add to / Deprecate from
				Abbreviation	Message type or Component block
			PosAmt(708) is based on the current price of		
			the position's security. In the context of EU		
			SFTR reporting, this is the price used to		
			calculate the loan value for securities loan and		
			borrowing , and buy-sell back. The price may		
			be expressed in units or percentage of the		
			underlying security, yield or an absolute		
			amount that ignores netting. For Buy/Sellback		
			it expresses the initial spot price.]		
<mark>ed PosAmtPriceType</mark>	NEW	<mark>int</mark>	Specifies the type of price for	<mark>@PxTyp</mark>	Add to PositionAmountData
<mark>77</mark>			PosAmtPrice(tbd 2876).		<mark>component.</mark>
			(Uses enumerations from PriceType(423))		
d TerminationDate	<mark>NEW</mark>	<mark>LocalMkt</mark>	The date of a contract's early termination or	<mark>@T+m<u>n</u>tnDt</mark>	Add to PositionReport(35=AP) and
<mark>78</mark>		<mark>Date</mark>	other post-trade event when the event is prior		TradeCaptureReport(35=AE)
			to the contract natural end or maturity not		
			defined as part of the security's reference data		
			or contractual terms/agreement.		
<mark>ed CouponOtherDay</mark>	Coun NEW	<mark>String</mark>	The industry name of the day count	<mark>@CpnOth<u>e</u>rDayC</mark>	
<mark>.79</mark> <mark>t</mark>			convention not listed in	<mark>nt</mark>	
			CouponDayCount(1950).		
d LegCouponOther	DayC NEW	String	The industry name of the day count	<pre>@CpnOtherDayC</pre>	
80 ount			convention not listed in	nt	
			LegCouponDayCount(2165).		
d Underlying <u>C</u> eoup	onOt NEW	String	The industry name of the day count	@CpnOth <u>e</u> rDayC	
81 herDayCount			convention not listed in	nt	
			UnderlyingCouponDayCount(1993).		
4 Side	CHANGE		Side of order		
			Add elaborations:		
			1 = Buy		
			[Elaboration: For Securities Financing indicates		
			the receipt of securities or collateral.]		

	Field Name					<u>October 17, 2019</u> October 17, 2019 - <u>Revision 0.4</u> Deteture Description				
ag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block		Form		
				2 = Sell [Elaboration: For Securities Financing indicates the delivery of securities or collateral.]						
<mark>67</mark>	SecurityType	CHANGE	String	Indicates type of security. Security type enumerations are grouped by Product(460) field value. NOTE: Additional values may be used by mutual agreement of the counterparties.						
				Add enumeration under Financing: MRGNLOAN = Margin Ioan						
<u>21</u>	BenchmarkCurveNam e	<u>CHANGE</u>	String	Name of benchmark curve. Add enumerations: AUBSW = Australian Bank Bill Swap Rate BUBOR = Budapest Bank Offered Rate CDOR = Canadian Dollar Offered Rate CIBOR = Copenhagen Interbank Offered Rate EONIASWAP = Euro Overnight Index Average Swap Rate						
				ESTR = Euro Short Term Rate [Elaboration: Replaces EONIA]						
				EURODOLLAR = Euro Dollar Rate EUROSWISS = Euro Swiss Franc Rate GCFREPO = DTCC General Collateral Finance Repo Index						
				ISDAFIX = ICE Swap Rate JIBAR = Johannesburg Interbank Agreed Rate MOSPRIM = Moscow Prime Offered Rate NIBOR = Nigeria Three Month Interbank Rate						

				<u>October 17,</u>	<u>2019October 17,</u>	2019 - <u>Revision 0.4 Revision 0.4</u>
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
				SOFR = Secured Overnight Financing Rate [Elaboration: Replaces LIBOR]		
				STIBOR = Stockholm Interbank Offered Rate SWAP = Swap TELBOR = Bank of Israel Interbank Offered Rate		
				TIBOR = Tokyo Interbank Offered Rate WIBOR = Warsaw Interbank Offered Rate		
<mark>452</mark>	PartyRole	CHANGE	int	Identifies the type or role of the PartyID (448) specified		
				Add enumerations: <tbd>124 = Central Securities Depository (CSD) participant [Elaboration: In the context of EU SFTR</tbd>		
				reporting the <u>Hidentifier</u> of the CSD participant or indirect participant of the reporting		
				counterparty. Where both the CSD participant and indirect participant are involved in the transaction this should identify the indirect		
				participant.] <pre><tbd></tbd></pre>		
<mark>703</mark>	РоѕТуре	CHANGE	int	[Elaboration: The issuer of the security.] Used to identify the type of quantity that is being returned.		
				Add enumeration: SECLN = Loan or borrowed quantity		
				[Elaboration: The number of shares, par value of bonds or commodity contracts on loan or		

EU SFTR Reporting Formatte FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4 changetracked.docx Formatte October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4 Formatte **FIXML** Tag **Field Name** Action Datatype Description Add to / Deprecate from Formatte Message type or Component Abbreviation block <mark>707</mark> **CHANGE** Type of Position amount PosAmtType int Add enumerations: ENDV = End value [Elaboration: Principal amount of a securities financing transaction on maturity date.] MGNLN = Outstanding margin loan [Elaboration: The amount of the outstanding margin loan. In the event that the loan has a short market value, PosAmt(708) would be a negative value.] LNVL = Loan value [Elaboration: The amount of the loan.] <mark>762</mark> SecuritySubType **CHANGE** Append to description: String Sub-type qualification/identification of the SecurityType. As an example for SecurityType(167)="REPO", the SecuritySubType="General Collateral" can be used to further specify the type of REPO. If SecuritySubType is used, then SecurityType is required. In the context of EU SFTR reporting use the appropriate 4-character code noted in the regulations - "GENE" for general collateral or "SPEC" for specific collateral (without quote marks). <mark>803</mark> PartySubIDType **CHANGE** Type of PartySubID(523) value. int 64 = Company activities [Append to elaboration:

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FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx
October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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Тад	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Formatte
				In the context of EU SFTR reporting use the appropriate 4- or 1-character code noted in the regulations. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.]			
				Add enumerations: Add enumerations: (Elaboration: Supplemental to party sub-ID type "64" (Company activities) for regulatory reporting. For EU SFTR reporting use the appropriate 4-character code noted in the regulations applying the conditional association rules. See SFTR ITS "Commission Implementing Regulation (EU) 2019/363" Annexes 1 and 2 for values.]			
				<tbd>86= Party side-[Elaboration: May_be used, when appropriate, to explicitly indicate the transaction side of the party, e.g. Buyer, Seller, Lender, Borrower, Maker, Taker, etc. in the ID. In the context of EU SFTR reporting, use values as required by SFTR, "GIVE" and "TAKE" in the ID, to identify collateral giver and taker.]</tbd>			
				<tbd>87 = Legal registration country [Elaboration: ISO Country Code where the registered office of the party is located as specified in the LEI reference data.]</tbd>			
<mark>910</mark>	CollStatus	CHANGE	int	Collateral Status Add enumeration: 5 = Reused			

				October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4		For	
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	For
				[Elaboration: A modification of the details of the collateral re-use. In the context of EU SFTR reporting, to be used with RegulatoryReportType(1934)= <tbd>31</tbd> (Collateral update).]			
913	AgreementDesc	CHANGE	String	Append to description: The full name of the base standard agreement, annexes and amendments in place between the principals applicable to a financing transaction. See http://www.fpml.org/coding-scheme/master- agreement-type for derivative values. [Elaboration: For EU SFTR reporting use the appropriate 4-character code noted in the regulations. See SFTR ITS "Commission			
919	DeliveryType	CHANGE	int	Implementing Regulation (EU) 2019/363" Annexes 1 to 2 for values. For other agreement type use OTHR and the name of the agreement concatenated with a hyphen, e.g. OTHR- <indexname>.]</indexname>			-
	, , , , , , , , , , , , , , , ,			Add enumeration: <tbd>4 = Delivery-by-Value [Elaboration: In the context of EU SFTR reporting, indicates that the transaction is to be or was settled using the DBV mechanism.]</tbd>			
9 <mark>96</mark>	UnitOfMeasure	CHANGE	String	The unit of measure of the underlying commodity upon which the contract is based. Two groups of units of measure enumerations are supported.			

				October 17,	2019October 17,	-2019 - <u>Revision 0.4</u> Revision 0.4	 Forma
Гад	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Form
				Add enumeration to Fixed Magnitude UOM : tnCO2 = Tons of carbon dioxide			
				Change enumerations in Variable QuantityMagnitude UOM: <u>KW-a = Kilowatt year (electrical capacity)</u> <u>KW-d = Kilowatt-Dday (electrical capacity)</u> <u>KW-h = Kilowatt-Hhour (electrical capacity)</u> <u>KW-M = Kilowatt-Mmonth (electrical capacity)</u> <u>MW-a = Megawatt year (electrical capacity)</u> <u>MW-d = Megawatt day (electrical capacity)</u> <u>MW-h = Megawatt hour (electrical capacity)</u> <u>MW-M = Megawatt month (electrical capacity)</u> <u>MW-min = Megawatt minute (electrical capacity)</u>			
				Add enumerations to Variable <u>QuantityMagnitude UOM</u> : a = Are ac = Acre cL = Centiliter cM = Centimeter DGE = Diesel gallon equivalent ft = Foot Gal_gb = GB Gallon GGE = Gasoline gallon equivalent ha = Hectare in = Inch			
				m = mcn kM = Kilometer kW a = Kilowatt year (electrical capacity) M = Meter mi = Mile			

ag	Field Name	October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4							
		Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block			
				mM = Millimeter					
				oz = US ounce					
				pc = Piece pt = US pint					
				pt = OS pint pt gb = GB pint					
				qt = US quart					
				qt gb = GB quart					
				SqcM = Square centimeter					
				Sqft = Square foot					
				Sqin = Square inch					
				<mark>SqkM = Square kilometer</mark>					
				<mark>SqM = Square Meter</mark>					
				<mark>Sqmi = Square mile</mark>					
				<mark>SqmM = Square millimeter</mark>					
				<mark>Sqyd = Square yard</mark>					
				yd = Yard					
<mark>34</mark>	RegulatoryReportType	<mark>CHANGE</mark>	int	Type of regulatory report.					
				Add enumerations:					
				<pre><td< td=""><td></td><td></td></td<></pre>					
				[Elaboration: In the context of EU SFTR					
				reporting this corresponds to "action type"					
				"NEWT".]					
				<tbd>29 = Transaction correction</tbd>					
				[Elaboration: In the context of EU SFTR					
				reporting this corresponds to "action type"					
				"CORR".]					
				<pre><tbd>30 = Transaction modification</tbd></pre>					
				[Elaboration: In the context of EU SFTR					
				reporting this corresponds to "action type" "MODI".]					

				<u>October 17</u>	<u>, 2019</u> October 17,	2019 - <u>Revision 0.4 Revision 0.4</u>	Forr
Гаg	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	For
				Context States (Section 2)			
				<pre><tbd>32 = Margin update [Elaboration: In the context of EU SFTR reporting this corresponds to "action type" "MARU".]</tbd></pre>			
				<tbd>33 = Transaction reported in error [Elaboration: In the context of EU SFTR reporting this corresponds to "action type" "EROR".]</tbd>			
				<tbd>34 = Termination / Early termination [Elaboration: In the context of EU SFTR reporting this corresponds to "action type" "ETRM".]</tbd>			
936 9	TradeCollateralization	CHANGE	int	Append to description: Specifies how the trade is collateralized. [Elaboration: In the context of Dodd-Frank, all values shown except for <tbd>4 (Net exposure) apply. In the context of ESMA EU SFTR reporting only the values 1 (Uncollateralized), 43 (Fully collateralized) and <tbd>4 (Net exposure) apply.]</tbd></tbd>		Add to CollateralReport(35=BA)	
				Add enumerations: <tbd>4 = Net exposure [Elaboration: Indication of whether the</tbd>			

FIX	Protocol Gap Analysis	- SFTR Repor	ting v0.4_EP	254_ASBUILTFIX Protocol Gap Analysis - SFTR			Formatt
				<u>October 17,</u>	<u>, 2019</u> October 17,	2019 - <u>Revision 0.4</u> Revision 0.4	Formatt
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Formatt
				collateral has been provided for a net exposure, rather than for a single transaction.]			
<mark>1937</mark>	TradeContinuation	CHANGE	int	Specifies the post-execution trade continuation or lifecycle event. Additional values may be used by mutual agreement of the counterparties.			
				Add enumeration: <tbd>31 = Early termination [Elaboration: The transaction/contract has closed before its natural end (<u>Mmaturity date</u> or <u>€end ⊕d</u>ate).]</tbd>			
<mark>1938</mark>	AssetClass	CHANGE	int	The broad asset category for assessing risk exposure. Add enumeration: <tbd>11 = Index [Elaboration: A main index identified as a</tbd>			
				security type, for example under EU SFTR reporting.]			
<mark>1940</mark>	AssetType	CHANGE	String	Used to provide more specific description of the asset specified in AssetSubClass(1939). See https://www.fixtrading.org/codelists/AssetTyp e for code list of applicable values. ISO 4721 Currency Code values are to be used when specific currency as an asset type is to be expressed. Other values may be used by mutual agreement of the counterparties.			
				See additions and changes to the external code list in Appendix E-1.			
<mark>1950</mark>	CouponDayCount	CHANGE	int	The day count convention used in interest calculations for a bond or an interest bearing			

EU	SFTR Reporting <mark>EU S</mark>	FTR Reporting					Formatte
FIX	Protocol Gap Analy	<u>sis - SFTR Repo</u> l	rting v0.4_EP2	254_ASBUILT FIX Protocol Gap Analysis - SFTR			Formatte
				<u>October 17,</u>	<u>. 2019</u> October 17,	2019 - <u>Revision 0.4</u> Revision 0.4	 Formatte
Тад	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Formatte
				security. Absence of this field for a bond or an interest bearing security transaction implies a "flat" trade, i.e. no accrued interest determined at time of the transaction. [Elaboration: For references to ISO 15022 Method of Interest Computation (MICO) code and descriptions see https://www.iso20022.org/15022/uhb/mt564-18-field-22f.htm .) 0 = 1/1 1 = 30/360 (30U/360 or Bond Basis) Add to elaboration: See also ISO 15022 MICO code 'A001'. 2 = 30/360 (SIA) 3 = 30/360 (Eurobond Basis) Add to elaboration: See also ISO 15022 MICO code 'A007'. 5 = 30E/360 (ISDA) 6 = Act/360 Add to elaboration: See also ISO 15022 MICO		• • • •	
				code 'A004'. 7 = Act/365 (FIXED) Add to elaboration: See also ISO 15022 MICO code 'A005'.			

FIX	Protocol Gap Analy	sis - SFTR Repo	rting v0.4_EP	254 ASBUILTFIX Protocol Gap Analysis - SFTR		hangetracked.docx 2019 - <u>Revision 0.4Revision 0.4</u>	Form
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Form
				8 = Act/Act (AFB) Add to elaboration: See also ISO 15022 MICO code 'A010'.			
				9 = Act/Act (ICMA) Add to elaboration: See also ISO 15022 MICO code 'A006'.			
				10 = Act/Act (ISMA ICMA Ultimo)			
				11 = Act/Act (ISDA) Add to elaboration: See also ISO 15022 MICO code 'A008'.			
				12 = BUS/252 13 = 30E+/360			
				14 = Act/365L Add to elaboration: See also ISO 15022 MICO code 'A009'.			
				15 = NL365 <i>Add to elaboration:</i> See also ISO 15022 MICO code 'A014'.			
				16 = NL360 17 = Act/364			
				Add enumerations: <tb< td=""><td></td><td></td><td></td></tb<>			

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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				October 17,	<u>2019</u> October 17,	-2019 - <u>Revision 0.4 Revision 0.4</u>	Formatte
Тад	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Formatte
				30-day month in a way similar to the 30/360 (basic rule) and a 365-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 29). See also ISO 15022 MICO code 'A002'.]			
				<tbd>19 = 30/Actual [Elaboration: Interest is calculated based on a 30-day month in a way similar to the 30/360 (basic rule) and the assumed number of days in a year in a way similar to the Actual/Actual (ICMA). Accrued interest to a value date on the last day of a month shall be the same as to the 30th calendar day of the same month, except for February. This means that a 31 is assumed to be a 30 and the 28 February (or 29 February for a leap year) is assumed to be a 28 (or 20). The accurate the same as the same as the same date on the same date on the same day of the same month, except for a leap year) is assumed to be a 28 (or 20). The accurate the same days are presented to be a same days and the same days in a year.</tbd>			
				(or 29). The assumed number of days in a year is computed as the actual number of days in the coupon period multiplied by the number of interest payments in the year. See also ISO 15022 MICO code 'A003'.] <tbd>20 = 30/360 (ICMA or basic rule) [Elaboration: Interest is calculated based on a 30-day month and a 360-day year. Accrued interest to a value date on the last day of a month shall be the same as to the 30 calendar day of the same month, except for February.</tbd>			

FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx

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Formatte

				<u>October 17,</u>	<u>2019</u> October 17, 2	2019 - <u>Revision 0.4Revision 0.4</u>	Formatte
Tag	Field Name	Action	Datatype	Description	FIXML	Add to / Deprecate from	Formatte
					Abbreviation	Message type or Component	
						block	
				This means that a 31 is assumed to be a 30			
				and the 28 February (or 29 February for a leap			
				<mark>year) is assumed to be a 28 (or 29). It is the</mark>			
				most commonly used 30/360 method for non-			
				US straight and convertible bonds issued			
				before 1 January 1999. See also ISO 15022			
				MICO code 'A011'.]			
				<pre><tbd>21 = 30E2/360 (Eurobond basis model</tbd></pre>			
				two)			
				[Elaboration: Interest is calculated based on a			
				30-day month and a 360-day year. Accrued			
				interest to a value date on the last day of a			
				month shall be the same as to the 30th			
				calendar day of the same month, except for			
				the last day of February whose day of the			
				month value shall be adapted to the value of			
				the first day of the interest period if the latter			
				is higher and if the period is one of a regular			
				schedule. This means that a 31 is assumed to			
				be a 30 and the 28 February of a non-leap year			
				is assumed to be equivalent to a 29 February			
				when the first day of the interest period is a			
				29, or to a 30 February when the first day of			
				the interest period is a 30 or a 31. The 29			
				February of a leap year is assumed to be			
				equivalent to a 30 February when the first day			
				of the interest period is a 30 or a 31. Similarly,			
				<mark>if the coupon period starts on the last day of</mark>			
				February, it is assumed to produce only one			
				day of interest in February as if it was starting			
				on a 30 February when the end of the period			
				is a 30 or a 31, or two days of interest in			
				February when the end of the period is a 29,			

				<u>October 17,</u>	2019October 17,	2019 - <u>Revision 0.4 Revision 0.4</u>	Form
ag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Form
				<mark>or three days of interest in February when it is</mark>			
				the 28 February of a non-leap year and the			
				end of the period is before the 29. See also ISO			
				15022 MICO code 'A012'.]			
				<tbd>22 = 30E3/360 (Eurobond basis model)</tbd>			
				three)			
				[Elaboration: Interest is calculated based on a			
				30-day month and a 360-day year. Accrued			
				interest to a value date on the last day of a			
				month shall be the same as to the 30th			
				calendar day of the same month. This means			
				that a 31 is assumed to be a 30 and the 28			
				February (or 29 February for a leap year) is			
				assumed to be equivalent to a 30 February. It			
				is a variation of the 30E/360 (or Eurobond			
				basis) method where the last day of February			
				is always assumed to be a 30, even if it is the			
				last day of the maturity coupon period. See			
				also ISO 15022 MICO code 'A013'.]			
				<mark><tbd></tbd></mark> 99 ² = Other			
				[Elaboration: For other day count method			
				See also ISO 15022 MICO code 'OTHR'.]			
<mark>76</mark>	Party <u>Detail</u> RoleQualifi	CHANGE	int	Used to further qualify the value of			
<u>74</u>	er			PartyRole(452).			

² Request to use enum value "99".

				<u>October 17,</u>	<u>2019</u> October 17,	2019 - <u>Revision 0.4</u> Revision 0.4	For
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block	Forr
				<pre><tbd>28 = Tri-party [Elaboration: In the context of EU SFTR reporting, identifies the third party, not</tbd></pre>			
				necessarily the custodian, to which the reporting counterparty has outsourced the post-trade processing of an SFT (if applicable).]			
				<tbd>29 = Lender [Elaboration: In the context of EU SFTR reporting, identifies the agent lender involved in the securities lending transaction.]</tbd>			
5 <mark>32</mark>	CollateralAmountType	CHANGE	int	The type of value in CurrentCollateralAmount(1704).			
				Add enumeration: <tbd>5 = Estimated market valuation [Elaboration: Estimated market valuation of collateral. In the context of EU SFTR this may be used for value of re-use of collateral.]</tbd>			
<mark>735</mark>	AssetSubType	CHANGE	String	Used to provide a more specific description of the asset specified in AssetType(1940). See https://www.fixtrading.org/codelists/AssetSub Type for code list of applicable values.			
				See changes to the external code list in Appendix E-2.			
<mark>091</mark>	ProvisionType	CHANGE	int	Type of provisions. Correct description and add elaboration: 3 = ExtendibleExtendable			

					-	, 2019 - <u>Revision 0.4</u>
Tag	Field Name	Action	Datatype	Description	FIXML Abbreviation	Add to / Deprecate from Message type or Component block
				either party usually with a specific time notice prior to the expiry date. In the context of EU SFTR reporting this corresponds to "termination optionality" code "ETSB".]		
				Add enumerations: <tbd>5 = Evergreen [Elaboration: The contract automatically renews after the expiry date until one party gives the other notice to terminate. In the context of EU SFTR reporting this corresponds to "termination optionality" code "EGRN".]</tbd>		
				<tbd>6 = Callable [Elaboration: Contract is callable.] <tbd>7 = Puttable [Elaboration: Contract is puttable.]</tbd></tbd>		
0213	PaymentType	CHANGE	int	Type of payment. Add enumerations: <tbd>13 = Security lending [Elaboration: Fee that the borrower of the security or commodity pays to the lender. The basis rate is specified in PaymentFixedRate(tbd43097). A security lending fee payment may be periodic, in which case specify PaymentRequencyPeriodPaymentFrequencyP eriod(tbd43102) and PaymentFrequencyUnit(tbd43103).]</tbd>		

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Гад	Field Name	Action	Datatype	Description	FIXML	Add to / Deprecate from
					Abbreviation	Message type or Component block
				payment(s), e.g. Securities Lending, normally		
				specified as a fixed or floating rate rather than		
				a fixed amount. A rebate payment may be		
				periodic, in which case specify Payment <u>FrRe</u> quencyPeriod(tbd<u>43102</u>) and		
				PaymentFrequencyPeriod(tbd43102) and PaymentFrequencyUnit(tbd43103).]		
<mark>)993</mark>	PaymentSubType	CHANGE	int	Used to further clarify the value of		
<u> </u>				PaymentType(40213).		
				0 = Initial (principal exchange)		
				1 = Intermediate (principal exchange)		
				2 = Final (principal exchange)		
				3 = Prepaid (principal forward)		
				4 = Postpaid (principal forward)		
				5 = Variable (principal forward)		
				6 = Fixed (principal forward)		
				7 = Swap (premium)		
				8 = Conditional (principal exchange on		
				exercise)		
				Add enumerations:		
				<tbd><tbd><tbd>Fixed rate</tbd></tbd></tbd>		
				[Elaboration: Applicable to		
				PaymentType(40213)= <tbd><u>14</u> (Rebate) for</tbd>		
				which PaymentFixedRate(tbd<u>4</u>3097) and its		
				qualifiers supersede PaymentAmount(40217).]		
				<mark><tbd><u>10</u> = Floating rate</tbd></mark>		
				[Elaboration: Applicable to		
				PaymentType(40213)= <tbd><u>14</u> (Rebate) for</tbd>		
				which PaymentFloatingRate(tbd43097) and its		
				qualifiers supersede PaymentAmount(40217).]		

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Appendix B - Glossary Entries

Term	Definition	Field where used

Appendix C - Abbreviations

Term	Proposed Abbreviation	Proposed Messages, Components, Fields where used
<mark>Other</mark>	<mark>Othr</mark> Other	PaymentStreamOtherDayCount(tbd<u>43106</u>)
Funding	<mark>Fndng</mark>	FundingSource component

Appendix D - Usage Examples

None.

Appendix E - External Code Lists

E-1. AssetType

Action: CHANGE

Used in:

AssetType(1940) SecondaryAssetType(1979) LegAssetType(2069) LegSecondaryAssetType(2079) UnderlyingAssetType(2015) UnderlyingSecondaryAssetType(2083)

Change the following row:

Field value	Description	When added	Symbolic name	Elaboration
OTHR	Other	FIX.5.0SP2 EP235	[Other]	Within AssetClass 1 (Interest rate) or 5 (Commodity) and any AssetSubClass

Add the following rows:

Field value Description When added Symbolic name Elaboration
--

<u>FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR</u> Reporting v0.4_changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4Revision 0.4

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Field value	Description	When added	Symbolic name	Elaboration
<mark>ESTR</mark>	<mark>Euro Short</mark>	FIX.5.0SP2	[ESTR]	Within AssetClass 1 (Interest
	<mark>Term Rate - to</mark>	EP <tbd>253</tbd>		rate) and any rate
	<mark>replace EONIA</mark>			AssetSubClass
<mark>SOFR</mark>	Secured	FIX.5.0SP2	[SOFR]	Within AssetClass 1 (Interest
	<mark>Overnight</mark>	EP <tbd>253</tbd>		<mark>rate) and any rate</mark>
	Financing Rate			AssetSubClass
	- to replace			
	LIBOR			

E-2. AssetSubType

Action: CHANGE

Used in:

AssetSubType(2735) SecondaryAssetSubType(2741) LegAssetSubType(2739) LegSecondaryAssetSubType(2743) UnderlyingAssetSubType(2744) UnderlyingSecondaryAssetSubType(2745)

Change the following row:

Field value	Description	When added	Symbolic name	Elaboration
OTHR	Other	FIX.5.0SP2 EP235	[Other]	Within AssetClass 5 (Commodity) and any AssetSubClass and AssetType except OTHR

FIX Protocol Gap Analysis - SFTR Reporting v0.4 EP254 ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4 changetracked.docx

October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4

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Appendix F - EU SFTR Action Types Matrix

The following table shows the combination of FIX field values corresponding to the SFTR Action Type Codes.

Code	Action Description	TradeCaptureReport	PositionReport	CollateralReport (Collateral Data)	MarginRequirement Report	CollateralReport (Reuse)
COLU	Collateral update, a modification of the details of collateral data, including its valuation.	N/A	N/A	Add RegulatoryReportType(1 934) to CollateralReport CollStatus(910)=3 (Assigned (Accepted)) RegulatoryReportType(1 934)= <tbd>31 (Collateral update) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date></lo </tbd>	N/A	N/A
				TrdRegTimestamps/ TrdRegTimestamp(769)= <timestamp> TrdRegTimestampType(7 70)=23 (Submitted to repository)</timestamp>		

	<u>SFTR Reporting</u> EU SFTR Repor Protocol Gap Analysis - SFTR F		ASBUILTFIX Protocol Ga				Format
				<u>October 17, 2019</u>	Ctober 17, 2019 - <u>Revis</u>	ion 0.4 Revision 0.4	Format
CORR	A correction of data fields that were submitted wrongly in a previous report shall be identified as "Correction".	TradeReportType(856)=5 (No/Was) RegulatoryReportType(1 934)= <tbd>29 (Transaction correction) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date> RegulatoryTradeIDGrp/ RegulatoryTradeID[1903) =<uti> RegulatoryTradeIDEvent(1904)=<various> TrdRegTimestamps/ TrdRegTimestamp7(59)= <timestamp> TrdRegTimestampType(7 70)=23 (Submitted to repository)</timestamp></various></uti></lo </tbd>	Add RegulatoryReportType(1 934) to CollateralReport RegulatoryReportType(1 934)= <tbd>29 (Transaction correction) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date></lo </tbd>	N/A	Add RegulatoryReportType(1 934) to CollateralReport MarginReqmtRptType(16 38)=0 (Summary) RegulatoryReportType(1 934)= <tbd>29 (Transaction correction) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date></lo </tbd>	CollStatus(910)=< <u>tbd>5</u> (Reuse) RegulatoryReportType(1 934)= <u><tbd>29</tbd></u> (Transaction correction) RegulatoryReportTypeBu sinessDate(<u>tbd2869</u>)= <lo cal date></lo 	Formati
EROR	A cancellation of a wrongly submitted entire report where the SFT never came into existence or was not subject to SFT reporting requirements but which was reported to a trade repository by mistake shall be identified as "error".	TradeReportType(856)=6 (Trade report cancel) RegulatoryReportType(1 934)= <tbd>33 (Transaction reported in error) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date></lo </tbd>	RegulatoryReportType(1 934)= <tbd>33</tbd> (Transaction reported in error) RegulatoryReportTypeBu sinessDate(tbd2869)= <lo cal date></lo 	N/A	MarginReqmtRptType(16 38)=0 (Summary) RegulatoryReportType(1 934)= <tbd>33</tbd> (Transaction reported in error) RegulatoryReportTypeBu sinessDate(tbd2869)= <lo cal date></lo 	CollStatus(910)=< <u>tbd>5</u> (Reuse) RegulatoryReportType(1 934)= <u><tbd>33</tbd></u> (Transaction reported in error) RegulatoryReportTypeBu sinessDate(<u>tbd2869</u>)= <lo cal date></lo 	

FIX	Protocol Gap Analysis - SFTR	Reporting v0.4_EP254_	ASBUILT <mark>FIX Prote</mark>	ocol Gap Analysis - SF	TR Reporting v0.4_chan	getracked.docx	Forma
-						9 - <u>Revision 0.4</u> Revision 0.4	Forma
ETRM	Termination / Early Termination, a termination of an open term SFT or an early termination of a fixed term SFT.	TradeReportType(856)=0 (Submit) RegulatoryReportType(1 934)= <tbd>34 (Termination / Early Termination) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date> RegulatoryTradeIDGrp/ RegulatoryTradeID[1903) =<uti> RegulatoryTradeIDEvent(1904)=5 (Termination) TrdRegTimestamps/ TrdRegTimestamp(769)= <timestamp> TrdRegTimestampType(7 70)=23 (Submitted to repository)</timestamp></uti></lo </tbd>	N/A	October 1	<u>.7, 2019</u> October 17, 201	9 - <u>Revision 0.4</u> N/A	Forma
		TradeContinuation(1937) =tbd-31 (Early termination) TerminationDate(tbd287 8)= <local date=""></local>					

A	<u>SFTR Reporting</u> EU SFTR Repor Protocol Gap Analysis - SFTR I		<u>ASBUILT</u> FIX Protocol Ga				Formatte
MARU	Margin Update – A modification	N/A	N/A	October 17, 2019	<u>.9October 17, 2019</u> - <u>Revisi</u> Add	<u>ion 0.4</u> Revision 0.4	Formatte
	of the details of the margin				RegulatoryReportType(1 934) to MarginRequirementReportType(16 38)=0 (Summary) RegulatoryReportType(1 934)= 22 (Margin		
					update) RegulatoryReportTypeBu sinessDate(tbd<u>2869</u>)=<lo< del=""> cal date></lo<>		
MODI	A modification of a previously reported SFT shall be identified as "Modification". This includes an update to a previous report showing a position in order to relfect new trades included in that position.	TradeReportType(856)=4 (Addendum) RegulatoryReportType(1 934)= <tbd>30 (Transaction modification) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date> RegulatoryTradeIDGrp/ RegulatoryTradeIDGrp/ RegulatoryTradeIDGrp/ RegulatoryTradeIDEvent(1904)=<various> TrdRegTimestamps/</various></lo </tbd>	RegulatoryReportType(1 934)= <u><tbd>30</tbd></u> (Transaction modification) RegulatoryReportTypeBu sinessDate(tbd2869)= <lo cal date></lo 	N/A	N/A	N/A	
		TrdRegTimestamp(769)= <timestamp> TrdRegTimestampType(7 70)=23 (Submitted to repository)</timestamp>					

FIX F	Protocol Gap Analysis - SFTR F	Reporting v0.4 EP254	<u>ASBUILTFIX Protocol Ga</u>	p Analysis - SFTR Repc	rting v0.4_changetracke	d.docx	For
FIX Protocol Gap Analysis - SFTR Reporting v0.4_EP254_ASBUILTFIX Protocol Gap Analysis - SFTR Reporting v0.4_changetracked.docx October 17, 2019October 17, 2019 - <u>Revision 0.4Revision 0.4</u>							
NEWT	New – a SFT reported for the first time. For margin: A new margin balance For reuse: a new reuse balance	TradeReportType(856)=0 (Submit) RegulatoryReportType(1 934)= <tbd>28</tbd> (New transaction) RegulatoryReportTypeBu sinessDate(tbd2869)= <lo cal date> RegulatoryTradeIDGrp/ RegulatoryTradeIDGrp/ RegulatoryTradeID(1903)</lo 	RegulatoryReportType(1 934)= <tbd>28</tbd> (New transaction) RegulatoryReportTypeBu sinessDate(tbd2869)= <lo cal date></lo 	N/A	MarginReqmtRptType(16 38)=0 (Summary) RegulatoryReportType(1 934)= <tbd>28 (New transaction) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date></lo </tbd>	CollStatus(910)= <tbd>5 (Reuse) RegulatoryReportType(1 934)=<tbd>28 (New transaction) RegulatoryReportTypeBu sinessDate(tbd2869)=<lo cal date></lo </tbd></tbd>	For
		<pre>regulatoryTradeID(1903) =<uti> RegulatoryTradeIDEvent(1904)=0 (Initial block trade) TrdRegTimestamps/ TrdRegTimestamp(769)= <timestamp></timestamp></uti></pre>					
		TrdRegTimestampType(7 70)=23 (Submitted to repository)					
POSC	Position Component, a SFT that is to be reported as a new trade and also included in a separate position report on the same day.	N/A	This action type is implied with the submission of both a TradeCaptureReport and PositionReport message	N/A	N/A	N/A	

FIX I	Protocol Gap Analysis - SFTR	Reporting V0.4_EF234_/	ASBUILT FIX FIULUCUI Ga				F		
				October 17, 2019October 17, 2019 - Revision 0.4 Revision 0.4					
REUU	Re-Use Update, a modification of the details of the re-use	N/A	N/A	N/A	N/A	CollStatus(910)=< tbd> <u>5</u> (Reuse)	Fo		
						RegulatoryReportType(1 934)= <tbd>31</tbd> (Collateral update)			
						RegulatoryReportTypeBu sinessDate(tbd<u>2</u>869)= <lo cal date></lo 			
						(Note that this uses the same value as one for			
						COLU, the difference is the CollStatus value of "accepted" for COLU vs.			
						"reuse" for REUU)			
VALU	A valuation of a security or commodity subject to a securities or commodities	TradeReportType(856)=0 (Submit)	RegulatoryReportType(1 934)=7 (Post-trade valuation)	N/A	MarginReqmtRptType(16 38)=0 (Summary)	N/A			
	lending transaction shall be	RegulatoryReportType(1	RegulatoryReportTypeBu		RegulatoryReportType(1				
	identified as "Valuation Update"	934)=7 (Post-trade	sinessDate(tbd <u>2869</u>)= <lo< td=""><td></td><td>934)=7 (Post-trade</td><td></td><td></td></lo<>		934)=7 (Post-trade				
		valuation) RegulatoryReportTypeBu	cal date>		valuation) RegulatoryReportTypeBu				
		sinessDate(tbd2869)= <lo< td=""><td></td><td></td><td>sinessDate(tbd2869)=<lo< td=""><td></td><td></td></lo<></td></lo<>			sinessDate(tbd 2869)= <lo< td=""><td></td><td></td></lo<>				
		cal date>			cal date>				