EMIR validation table ESMA

"M" - Mandatory: the field is strictly required and validations of format and content are applied.

Technical standards						Validations (published 03/04/2017) ESMA published updated on 20/12/2019. Amendments are marked in red font and are to																		Best Practice		Links	Comment
						Trade level Is it Mandatory, Conditional, Optional								Position level Is it Mandatory, Conditional, Optional													
Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
1	1	Parties to the contract	Reporting timestamp	Date and time of reporting to the trade repository	ISO 8601 date in the format and Coordinated Universal Time (UTC) time format YYYY-MM-DDThh:mm:ssZ	M	M	M	M	M	M	M	M	M	M	M	M	M		M		-Common input format: YYYY-MM-DDThh:MM:SSZ The reporting timestamp should be equal or earlier than the timestamp of the receipt of the report by the TR. The date part of the timestamp cannot be earlier than the day preceding the date of the receipt of the report by the TR. The receipt of the report should be understood as the moment the report enters a TR's system	N	No best practice prepared for this field	No best practice prepared for this field		
1	2	Parties to the contract	Reporting Counterparty ID	Unique code identifying the reporting counterparty of the contract	ISO 17442 Legal Entity Identifier (LEI) 20 alphanumerical character code.	M	M	M	M	M	M	M	M	M	M	M	M	M		M		For action types "N", "M", ~~"C",~~ "R", "Z", "V" and "P": this field shall contain a valid LEI included in the GLEIF database maintained by the Central Operating Unit. The status of the LEI for all the above action types shall be "Issued", "Pending transfer" or "Pending archival" ~~and in addition for action types "C" the status of the LEI could also be "Lapsed" and "Retired".~~ ~~For action type "E": This field shall contain an LEI included in the GLEIF database maintained by the Central Operating Unit, irrespective of the registration status of that LEI.~~	PAIRING FIELD	No best practice prepared for this field	No best practice prepared for this field		
1	3	Parties to the contract	Type of ID of the other Counterparty	Type of the code used to identify the other Counterparty	"LEI" for ISO 17442 Legal Entity Identifier (LEI) "CLC" for Client code	M	O	O	O	O	O	O	M	M	O	O	O	O		O		Shall only contain one of the following values: "LEI" or "CLC". 3 alphabetical characters. The value populated in this field when the trade is reported for the first time, shall not be modified in the subsequent reports.	N	No best practice prepared for this field	No best practice prepared for this field		
1	4	Parties to the contract	ID of the other Counterparty	Unique code identifying the other counterparty of the contract. This field shall be filled from the perspective of the reporting counterparty. In case of a private individual a client code shall be used in a consistent manner.	ISO 17442 Legal Entity Identifier (LEI) 20 alphanumerical character code. Client code (up to 50 alphanumerical digits).	M	M	M	M	M	M	M	M	M	M	M	M	M		M		For action types "N", "M", "R", "Z", "V" and "P": If field 1.3 is populated with "LEI", this field shall be populated with a valid LEI included in the GLEIF database maintained by the Central Operating Unit. ~~For action types "N", "M","C", "R", "Z", "V" and "P"~~ The status of the LEI shall be "Issued", "Lapsed", "Pending transfer" or "Pending archival" ~~.and in addition for action types "C" and "E" the status of the LEI could also be "Retired".~~ ~~For action type "E": This field shall contain an LEI included in the GLEIF database maintained by the Central Operating Unit, irrespective of the registration status of that LEI.~~ For action types "N", "M","R", "Z", "V" and "P": If field 1.3 is populated with "CLC". this field shall contain up to 50 alphanumerical digits where any character is allowed. Fields 1.2 and 1.4 cannot contain the same LEI, unless this corresponds to the LEI of the CCP under field 2.37	PAIRING FIELD	No best practice prepared for this field	No best practice prepared for this field		
1	5	Parties to the contract	Country of the other Counterparty	The code of country where the registered office of the other counterparty is located or country of residence in case that the other counterparty is a natural person.	ISO 3166 - 2 character country code	M	O	-	-	O	-	-	M	M	O	-	-	O		-		This field shall be populated with a valid ISO 3166 country code, 2 alphabetical characters If field 1.3 is populated with "LEI", the country code provided in this field shall pertain to the country of the registered office of the other counterparty as specified	N	No best practice prepared for this field	No best practice prepared for this field		
1	6	Parties to the contract	Corporate sector of the reporting counterparty	Nature of the reporting counterparty's company activities. If the Reporting Counterparty is a Financial Counterparty, this field shall contain all necessary codes included in the Taxonomy for Financial Counterparties and applying to that Counterparty. If the Reporting Counterparty is a Non-Financial Counterparty, this field shall contain all necessary codes included in the Taxonomy for Non-Financial Counterparties and applying to that Counterparty. Where more than one activity is reported, the codes shall be populated in order of the relative importance of the corresponding activities.	Taxonomy for Financial Counterparties : A = Assurance undertaking authorised in accordance with Directive 2009/138/EC of the European Parliament and of the Council C = Credit institution authorised in accordance with Directive 2013/36/EU of the European Parliament and of the Council F = Investment firm authorised in accordance with Directive 2004/39/EC of the European Parliament and of the Council I = Insurance undertaking authorised in accordance with Directive 2009/138/EC L = Alternative investment fund managed by Alternative Investment Fund Managers (AIFMs) authorised or registered in accordance with Directive 2011/61/EU of the European Parliament and of the Council O = Institution for occupational retirement provision within the meaning of Article 6(a) of Directive 2003/41/EC of the European Parliament and of the Council R = Reinsurance undertaking authorised in accordance with Directive 2009/138/EC U = Undertakings for the Collective Investment in Transferable Securities (UCITS) and its management company, authorised in accordance with Directive	C	O	-	-	O	-	-	C	C	O	-	-	O		-		-If field 1.7 is populated with "F", this field shall be populated and shall contain only following values: "A", "C", "F", "I", "L", "O", "R", "U". Where more than one value is reported, they shall be separated with a dash "-". -If field 1.7 is populated with "N", this field shall be populated and shall contain only following values: "1", "2," ..., "21". Where more than one value is reported, they shall be separated with a dash "-". -If field 1.7 is populated with "C" or "O", this field shall be left blank. Up to 53 characters.	N	No best practice prepared for this field	No best practice prepared for this field		
1	7	Parties to the contract	Nature of the reporting counterparty	Indicate if the reporting counterparty is a CCP, a financial, non-financial counterparty or other type of counterparty in accordance with point 5 of Article 1 or points 1, 8 and 9 of Article 2 of Regulation (EU) No 648/2012 of the European Parliament and of the Council.	F = Financial Counterparty N = Non-Financial Counterparty C = Central Counterparty O = Other	M	O	-	-	O	-	-	M	M	O	-	-	O		-		Shall contain only one of the following values: "F", "N", "C" or "O". 1 alphabetical character.	N	No best practice prepared for this field	No best practice prepared for this field		
1	8	Parties to the contract	Broker ID	In the case a broker acts as intermediary for the reporting counterparty without becoming a counterparty himself, the reporting counterparty shall identify this broker by a unique code	ISO 17442 Legal Entity Identifier (LEI) 20 alphanumerical character code	O	O	-	-	O	-	-	O	O	O	-	-	O		-		When populated, shall contain a valid LEI included in the GLEIF database maintained by the Central Operating Unit. The status of the LEI shall be "Issued", "Lapsed", "Pending transfer" or "Pending archival".	N	No best practice prepared for this field	No best practice prepared for this field		

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						N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P						
1	9	Parties to the contract	Report submitting entity ID	In the case where the reporting counterparty has delegated the submission of the report to a third party or to the other counterparty, this entity has to be identified in this field by a unique code. Otherwise this field shall be left blank.	ISO 17442 Legal Entity Identifier (LEI) 20 alphanumerical character code	O	O	-	-	O	-	-	O	O	O	-	-	O		-		When populated, shall contain a valid LEI included in the GLEIF database maintained by the Central Operating Unit. The status of the LEI shall be "Issued", "Pending transfer" or "Pending archival".	N	No best practice prepared for this field	No best practice prepared for this field		
1	10	Parties to the contract	Clearing member ID	In the case where the derivative contract is cleared and the reporting counterparty is not a clearing member itself, the clearing member through which the derivative contract is cleared shall be identified in this field by a unique code.	ISO 17442 Legal Entity Identifier (LEI) 20 alphanumerical character code	O	O	-	-	O	-	-	O	O	O	-	-	O		-		When populated, shall contain a valid LEI included in the GLEIF database maintained by the Central Operating Unit. The status of the LEI shall be "Issued", "Lapsed", "Pending transfer" or "Pending archival".	N	No best practice prepared for this field	For transaction-level reports and position-level reports, this field shall only be populated in instances where the reporting party is not the clearing member. In this scenario, the clearing member's LEI should be populated in this field. If the reporting firm is the clearing member, this field shall be left blank.		
1	11	Parties to the contract	Type of ID of the Beneficiary	Type of the code used to identify the Beneficiary	"LEI" for ISO 17442 Legal Entity Identifier (LEI) "CLC" for Client code	M	O	-	-	O	-	-	M	M	O	-	-	O		-		"LEI" for ISO 17442 Legal Entity Identifier (LEI) "CLC" for Client code	N	No best practice prepared for this field	No best practice prepared for this field		
1	12	Parties to the contract	Beneficiary ID	The party subject to the rights and obligations arising from the contract. Where the transaction is executed via a structure, such as a trust or fund, representing a number of beneficiaries, the beneficiary should be identified as that structure. Where the beneficiary of the contract is not a counterparty to this contract, the reporting counterparty has to identify this beneficiary by an unique code or, in case of a private individuals, by a client code used in a consistent manner as assigned by the legal entity used by the private individual.	ISO 17442 Legal Entity Identifier (LEI) 20 alphanumerical character code or up to 50 alphanumerical character client code in the case where the client is not eligible for a Legal Entity Identifier	M	O	-	-	O	-	-	M	M	O	-	-	O		-		If field 1.11 is populated with "LEI" this field shall be populated with a valid LEI included in the GLEIF database maintained by the Central Operating Unit. The status of the LEI shall be "Issued", "Lapsed", "Pending transfer" or "Pending archival". If field 1.11 is populated with "CLC". this field shall contain up to 50 alphanumerical digits where any character is allowed.	N	No best practice prepared for this field	No best practice prepared for this field		
1	13	Parties to the contract	Trading capacity	Identifies whether the reporting counterparty has concluded the contract as principal on own account (on own behalf or behalf of a client) or as agent for the account of and on behalf of a client	P = Principal A = Agent	M	O	-	-	O	-	-	M	O	O	-	-	O		-		Shall contain only one of the following values: "P" or "A". 1 alphabetical character.	N	No best practice prepared for this field	No best practice prepared for this field		
1	14	Parties to the contract	Counterparty side	Identifies whether the reporting counterparty is a buyer or a seller	B = Buyer S = Seller Populated in accordance with Article 3a	M	O	-	-	O	-	-	M	M	O	-	-	O		-		Shall contain only one of the following values: "B" or "S". 1 alphabetical character.	Y	No best practice prepared for this field	No best practice prepared for this field		
1	15	Parties to the contract	Directly linked to commercial activity or treasury financing	Information on whether the contract is objectively measurable as directly linked to the reporting counterparty's commercial or treasury financing activity, as referred to in Art. 10(3) of Regulation (EU) No 648/2012. This field shall be left blank in the case where the reporting counterparty is a financial counterparty, as referred to in Article 2 (8) Regulation of (EU) No 648/2012.	Y = Yes N = No	C	O	-	-	O	-	-	C	O	O	-	-	O		-		If field 1.7 is populated with "N" and field 2.94 (Level) is populated with "T", this field shall be populated and shall contain only one of the following values: "Y" or "N". 1 alphabetical character. If field 1.7 is populated with "F", "C" or "O", this field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
1	16	Parties to the contract	Clearing threshold	Information whether the reporting counterparty is above the clearing threshold referred to in Art. 10(3) of Regulation (EU) No 648/2012. This field shall be left blank in case the reporting counterparty is a financial counterparty, as referred to in Art. 2 (8) of Regulation (EU) No 648/2012.	Y = Above the threshold N = Below the threshold	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 1.7 is populated with "N", this field shall be populated and shall contain only one of the following values: "Y" or "N". 1 alphabetical character. If field 1.7 is populated with "F", "C" or "O", this field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
1	17	Parties to the contract	Value of contract	Mark to market valuation of the contract, or mark to model valuation where applicable under Article 11(2) of Regulation (EU) No 648/2012. The CCP's valuation to be used for a cleared trade	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	O	-	-	-	-	-	C	-	O	-	-	-	-		C		At least one of the fields 1.17 or 1.21 has to be populated Up to 20 numerical characters including up to 19 decimals	N	No best practice prepared for this field	No best practice prepared for this field		
1	18	Parties to the contract	Currency of the value	The currency used for the valuation of the contract	ISO 4217 Currency Code, 3 alphabetical characters	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.17 is populated, this field shall be populated and shall contain ISO 4217 Currency Code (official list only), 3 alphabetical characters. Otherwise, the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
1	19	Parties to the contract	Valuation timestamp	Date and time of the last valuation. For mark-to-market valuation the date and time of publishing of reference prices shall be reported.	ISO 8601 date in the UTC time format YYYY-MM-DDThh:mm:ssZ	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.17 is populated, this field shall be populated in a common input format: YYYY-MM-DDThh:mm:ssZ Otherwise, the field shall be left blank.	N	No best practice prepared for this field	This field shall be left blank for transaction-level. Report a default timestamp of '23:59:00' for position-level reports		**OTC** – Reporting entities generate the valuation amounts at different times, depending on their internal systems. Therefore, it is extremely difficult to match on the time element of this value.
1	20	Parties to the contract	Valuation type	Indicate whether valuation was performed mark to market, mark to model or provided by the CCP	M = Mark-to-market O = Mark-to-model C = CCP's valuation.	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.17 is populated and field 2.35 is populated with "Y", this field shall be populated with "C". If field 1.17 is populated and field 2.35 is populated with "N", this field shall be populated with ""M" or "O" . 1 alphabetical character. Otherwise, the field shall be left blank.	N	No best practice prepared for this field	This field shall be left blank for transaction-level reports and position-level reports.		
1	21	Parties to the contract	Collateralisation	Indicate whether a collateral agreement between the counterparties exists.	U = uncollateralised PC = partially collateralised OC = one way collateralised FC = fully collateralised Populated in accordance with Article 3b	O	-	-	-	-	-	C	O	O	-	-	-	-		C		At least one of the fields 1.17 or 1.21 has to be populated. When populated, this field shall contain only one of the following values: "U", "PC", "OC" or "FC". Up to 2 alphabetical characters.	N		This field shall be left blank for transaction-level reports. For position-level reporting, populating this field is subject to the transfer of collateral: - Client to CM is always one way collateralised - CM to Client is always partially collateralised - CM to CCP is always one way collateralised - CCP to CM is always partially collateralised		
1	22	Parties to the contract	Collateral portfolio	Whether the collateralisation was performed on a portfolio basis. Portfolio means the collateral calculated on the basis of net positions resulting from a set of contracts, rather than per trade.	Y = Yes N = No	C	O	-	-	O	-	C	C	C	O	-	-	O		C		If field 1.21 is populated with "PC", "OC" or "FC", this field shall be populated and shall contain only one of the following values: "Y" or "N". 1 alphabetical character.	N		This field shall be left blank for transaction-level reports and populated with "Y" for position-level reports.		
1	23	Parties to the contract	Collateral portfolio code	If collateral is reported on a portfolio basis, the portfolio should be identified by a unique code determined by the reporting counterparty	Up to 52 alphanumerical characters including four special characters : ". - _. " Special characters are not allowed at the beginning and at the end of the code. No space allowed.	C	C	-	-	C	-	C	C	C	C	-	-	C		C		If field 1.22 is populated with "Y", this field shall be populated and shall contain up to 52 alphanumerical characters. Four special characters are allowed ":", ".", "-", "_". Special characters are not allowed at the beginning or the end. Otherwise, the field shall be left blank.	N		This field shall be left blank for transaction-level reports and populated with the relevant collateral portfolio code for position-level reports.		

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Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
1	24	Parties to the contract	Initial margin posted	Value of the initial margin posted by the reporting counterparty to the other counterparty. Where initial margin is posted on a portfolio basis, this field should include the overall value of initial margin posted for the portfolio.	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	O	-	-	-	-	-	O	-	O	-	-	-	-		O		When populated: Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are not allowed.	N	*See Comment*	No best practice prepared for this field	•See EMIR reporting RTS-ITS - collateral and valuation fields BEST PRACTICE v6	***OTC*** *- ISDA have produced a document for the principles for Collateral and Valuation reporting are found within the 'EMIR reporting RTS-ITS - collateral and valuation fields Best Practice'.*
1	25	Parties to the contract	Currency of the initial margin posted	Specify the currency of the initial margin posted	ISO 4217 Currency Code, 3 alphabetical characters	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.24 is populated, this field shall be populated with ISO 4217 Currency Code (official list only), 3 alphabetical characters. Otherwise, the field shall be left blank.	N		No best practice prepared for this field		
1	26	Parties to the contract	Variation margin posted	Value of the variation margin posted, including cash settled, by the reporting counterparty to the other counterparty. Where variation margin is posted on a portfolio basis, this field should include the overall value of variation margin posted for the portfolio.	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	O	-	-	-	-	-	O	-	O	-	-	-	-		O		When populated: Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are not allowed.	N		No best practice prepared for this field		
1	27	Parties to the contract	Currency of the variation margins posted	Specify the currency of variation margin posted	ISO 4217 Currency Code, 3 alphabetical characters	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.26 is populated, this field shall be populated with ISO 4217 Currency Code (official list only), 3 alphabetical characters. Otherwise, the field shall be left blank.	N		No best practice prepared for this field		
1	28	Parties to the contract	Initial margin received	Value of the initial margin received by the reporting counterparty from the other counterparty. Where initial margin is received on a portfolio basis, this field should include the overall value of initial margin received for the portfolio.	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	O	-	-	-	-	-	O	-	O	-	-	-	-		O		When populated: Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are not allowed.	N		No best practice prepared for this field		
1	29	Parties to the contract	Currency of the initial margin received	Specify the currency of the initial margin received	ISO 4217 Currency Code, 3 alphabetical characters	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.28 is populated, this field shall be populated with ISO 4217 Currency Code (official list only), 3 alphabetical characters. Otherwise, the field shall be left blank.	N		No best practice prepared for this field		
1	30	Parties to the contract	Variation margin received	Value of the variation margin received, including cash settled, by the reporting counterparty from the other counterparty. Where variation margin is received on a portfolio basis, this field should include the overall value of variation margin received for the portfolio.	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	O	-	-	-	-	-	O	-	O	-	-	-	-		O		When populated: Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are not allowed.	N		No best practice prepared for this field		
1	31	Parties to the contract	Currency of the variation margins received	Specify the currency of the variation margin received	ISO 4217 Currency Code, 3 alphabetical characters	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.30 is populated, this field shall be populated with ISO 4217 Currency Code (official list only), 3 alphabetical characters. Otherwise, the field shall be left blank.	N		No best practice prepared for this field		
1	32	Parties to the contract	Excess collateral posted	Value of collateral posted in excess of the required collateral	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	O	-	-	-	-	-	O	-	O	-	-	-	-		O		When populated: Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are not allowed.	N		No best practice prepared for this field		
1	33	Parties to the contract	Currency of the excess collateral posted	Specify the currency of the excess collateral posted	ISO 4217 Currency Code, 3 alphabetical characters	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.32 is populated, this field shall be populated with ISO 4217 Currency Code (official list only), 3 alphabetical characters. Otherwise, the field shall be left blank.	N		No best practice prepared for this field		
1	34	Parties to the contract	Excess collateral received	Value of collateral received in excess of the required collateral	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	O	-	-	-	-	-	O	-	O	-	-	-	-		O		When populated: Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are not allowed.	N		No best practice prepared for this field		
1	35	Parties to the contract	Currency of the excess collateral received	Specify the currency of the excess collateral received	ISO 4217 Currency Code, 3 alphabetical characters	C	-	-	-	-	-	C	-	C	-	-	-	-		C		If field 1.34 is populated, this field shall be populated with ISO 4217 Currency Code (official list only), 3 alphabetical characters. Otherwise, the field shall be left blank.	N		No best practice prepared for this field		
2	1	Section 2a - Contract type	Contract type	Each reported contract shall be classified according to its type	CD = Financial contracts for difference FR = Forward rate agreements FU = Futures FW = Forwards OP = Option SB = Spreadbet SW = Swap ST = Swaption OT = Other	M	O	-	-	O	-	-	M	M	O	-	-	O		-		Shall only contain one of the following values: "CD", "FR", "FU", "FW", "OP", "SB", "SW" "ST" or "OT". 2 alphabetical characters.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	2	Section 2a - Contract type	Asset class	Each reported contract shall be classified according to the asset class it is based on	CO = Commodity and emission allowances CR = Credit CU = Currency EQ = Equity IR = Interest Rate	M	O	-	-	O	-	-	M	M	O	-	-	O		-		Shall only contain one of the following values: "CO", "CR", "CU", "EQ" or "IR". 2 alphabetical characters.	Y	Note: Reportable fields are not limited only to those applicable to the specified asset class, i.e. validation rules do not prevent firms from populating fields that fall under a different asset class (as per the 'Section' column) to the one specified in field 2.2.	This field will be populated with "CO", "CU", "EQ" or "IR" and is subject to the CFI code populated in field 2.4 below.		Validation rules do not prohibit fields which relate to a specific asset class in the 'Section' column from being populated for other asset classes when applicable, e.g. FX fields to be populated for a cross currency swap.
2	3	Section 2b – Contract information	Product classification type	The type of relevant product classification	C = CFI U = UPI	M	O	-	-	O	-	-	M	M	O	-	-	O		-		Until UPI is endorsed by ESMA, this field shall only contain "C". 1 alphabetical character.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	4	Section 2b – Contract information	Product classification	For products identified through International Securities Identification Number (ISIN) or Alternative Instrument Identifier (AII), Classification of Financial Instrument (CFI) code shall be specified. For products for which ISIN or AII are not available, endorsed Unique Product Identifier (UPI) shall be specified. Until UPI is endorsed those products shall be classified with CFI code.	ISO 10692 CFI, 6 characters alphabetical code Endorsed UPI	M	O	-	-	O	-	-	M	M	O	-	-	O		-		If field 2.3 is populated wih "C", this field shall be populated with CFI code composed of 6 characters and compliant with ISO 10962 Standard. At least the first 2 characters of the CFI code and the character representing asset class (if applicable for a given instrument) shall be provided (ie. these characters cannot be "X", which represents not applicable or undefined value).	Y	If there is an ISIN for the product, populate the field with the CFI code associated with that ISIN.	If there is an ISIN for the product, populate the field with the CFI code associated with that ISIN.		

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Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
2	5	Section 2b – Contract information	Product identification type	The type of relevant product identification	Specify the applicable identification: I = ISIN A = AII	C	O	-	-	O	-	-	C	C	O	-	-	O		-		Until the date of application of [MiFIR RTS on reference data]: -If field 2.15 is populated with (i) MIC listed in the MiFID Database that pertains to a Regulated Market for which instrument identifier specified in that database is ISIN, or with (ii) code "XOFF", this field shall be populated with "I". -If field 2.15 is populated with MIC listed in the MiFID Database that pertains to a Regulated Market for which instrument identifier specified in that database is AII, this field shall be populated with "A". -If field 2.15 is populated with (i) MIC listed in the MiFID Database that pertains to a Regulated Market for which instrument identifier is not specified in that database, or with (ii) MIC listed in the MiFID Database that pertains to a MTF, or with (iii) MIC that pertains to a trading venue in non-EEA country, or with (iv) code "XXXX", this field can be left blank. After the date of application of [MiFIR RTS on reference data]], i.e. for the reports where the date in the field 1.1 Reporting timestamp is 03-01-2018 or later: If field 2.15 is populated with (i) a MIC	Y	See 'Venue of Execution scenarios' tab for detailed best practices.	On transaction-level and position-level reports, this field shall be populated with "I" for EEA Exchanges. For non-EEA Exchanges, this field shall be blank.		
2	6	Section 2b – Contract information	Product identification	The product shall be identified through ISIN or AII. AII shall be used if a product is traded in a trading venue classified as AII in the register published on ESMA's website and set up on the basis of information provided by competent authoriities pursuant to Article 13(2) of Commission Regulation (EC) No 1287/2006. AII shall only be used until the date of application of the delegated act adopted by the Commission pursuant to Article 27(3) of Regulation (EU) No 600/2014 of the European Parliament and Council.	For product identifier type I: ISO 6166 ISIN 12 character alphanumerical code For product identifier type A: Complete AII code in accordance with Article 4(8)	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.5 is populated with "I" this field shall contain 12 alphanumerical characters and a check digit. If field 2.5 is populated with "A" this field shall contain up to 48 alphanumerical characters. Special signs "-" and "." are allowed.	Y	See 'Venue of Execution scenarios' tab for detailed best practices.	On transaction-level and position-level reports, this field shall be populated with a valid ISIN for EEA Exchanges. For non-EEA Exchanges, this field shall be blank.		
2	7	Section 2b – Contract information	Underlying identification type	The type of relevant underlying identifier	I = ISIN A = AII U = UPI B = Basket X = Index	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "EQ", this field shall be populated. If field 2.2 is populated with "CR", one of the fields 2.7 or 2.84 shall be populated. If field 2.2 is populated with "IR", at least one of the following fields shall be populated: 2.7, 2.39, 2.55. If field 2.2 is populated with "CO" or "CU", this field can be left blank. When populated, this field shall contain one of the following values: "I", "A", "U", "B", "X". "NA" is accepted, when the actual value is not available. Up to 2 alphabetical characters.	Y	When the Underlying is an Index, report a value of "X", regardless of whether an ISIN is available for the index.	Where field 2.2 'Asset class' is populated with "CO" or "CU", populate this field with 'N/A'. When the Underlying is an Index: "X" shall be populated in field 2.7 'Underlying identification type' and a valid ISIN shall be populated in field 2.8 'Underlying identification. Where an ISIN is not available, "X" shall be populated in field 2.7 and the Index name shall be populated in field 2.8.		As per EMIR Q&A, TR Question 28 – "When the underlying is an index, Field 2.7 must always be populated with "X" irrespective of whether the index is identified with an ISIN or with the full name." TR Question 37 (d) also reiterates that an Index is reported as "X".
2	8	Section 2b – Contract information	Underlying identification	The direct underlying shall be identified by using a unique identification for this underlying based on its type. AII shall only be used until the date of application of the delegated act adopted by the Commission pursuant to Article 27(3) of Regulation (EU) No 600/2014. For Credit Default Swaps, the ISIN of the reference obligation should be provided. In case of baskets composed, among others, of financial instruments traded in a trading venue, only financial instruments traded in a trading venue shall be specified.	For underlying identification type I: ISO 6166 ISIN 12 character alphanumerical code For underlying identification type A: complete AII code in accordance with Article 4(8) For underlying identification type U: UPI For underlying identification type B: all individual components identification through ISO 6166 ISIN or complete AII code in accordance with Article 4(8). Identifiers of individual components shall be separated with a dash "-". For underlying identification type X: ISO 6166 ISIN if available, otherwise full name of the index as assigned by the index provider	C	O	-	-	O	-	-	C	C	O	-	-	O		-		populated. If field 2.7 is populated with "I", this field shall contain 12 alphanumerical characters and a check digit. If field 2.7 is populated with "A", this field shall contain up to 48 alphanumerical characters and the following two types of special characters "-" and "." are allowed. If field 2.7 is populated with "B", this field shall contain only ~~up to 6499~~ alphanumerical characters and the following two types of special characters "-" and "." are allowed. "NA" is accepted, when the actual value is not available.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	9	Section 2b – Contract information	Notional currency 1	The currency of the notional amount. In the case of an interest rate or currency derivative contract, this will be the notional currency of leg 1.	ISO 4217 Currency Code, 3 alphabetical characters	M	O	-	-	O	-	-	M	M	O	-	-	O		-		Shall be populated with ISO 4217 Currency Code (official list only), 3 alphabetical characters.	Y	Where there is more than one notional amount, sort the currencies alphabetically by ISO 4217 standard and report the first currency as Notional currency 1. Note: See exception for FX Options, where best practice for FX Option contracts is under review.	This field is dependent on the specific contract details and should not be ordered alphabetically. Notional Currency 1 is directly linked with the Notional, which is directly linked to the price, which is directly linked to the specific contract details.		Note. For FX Options, the FpML model determines the notional currency based on whether the option is a Call or Put. i.e. if option is sold a Call, then the notional amount will be in the Call currency, and therefore 'National currency 1' would be the Call currency. Similarly, if sold a Put option, FpML will show the notional in the Put currency, so 'Notional currency 1' would also be the Put currency. Therefore, firms submitting by FpML cannot follow the best practice of sorting currencies alphabetically when reporting FX Options. A resolution to the best practice for FX Options is under review.
2	10	Section 2b – Contract information	Notional currency 2	The other currency of the notional amount. In the case of an interest rate or currency derivative contract, this will be the notional currency of leg 2.	ISO 4217 Currency Code, 3 alphabetical characters	O	O	-	-	O	-	-	O	O	O	-	-	O		-		When populated: ISO 4217 Currency Code (official list only), 3 alphabetical characters.	Y	Where there is more than one notional amount, sort the currencies alphabetically by ISO 4217 standard and report the second currency as Notional currency 2. Note: See exception for FX Options, where best practice for FX Option contracts is under review.	As set out in field 2.9, this field is dependent on the specific contract details. As such, Notional Currency 2 is the opposite currency (the base currency) to Notional currency 1.		Note. For FX Options, the FpML model determines the notional currency based on whether the option is a Call or Put. i.e. if option is sold a Call, then the notional amount will be in the Call currency, and therefore 'National currency 1' would be the Call currency. Similarly, if sold a Put option, FpML will show the notional in the Put currency, so 'Notional currency 1' would also be the Put currency. Therefore, firms submitting by FpML cannot follow the best practice of sorting currencies alphabetically when reporting FX Options. A resolution to the best practice for FX Options is under review.
2	11	Section 2b – Contract information	Deliverable currency	The currency to be delivered	ISO 4217 Currency Code, 3 alphabetical characters	O	O	-	-	O	-	-	O	O	O	-	-	O		-		When populated: ISO 4217 Currency Code (official list only), 3 alphabetical characters.	N	FX products: • FX deliverable (physically settled) trades, populate with the first currency when sorted alphabetically by the ISO 4217 standard. • FX non-deliverable (cash settled) trades, populate with the currency that will be delivered.	This field is only populated for transaction-level and position-level reports if field 2.2 (Asset class) is populated with "CU". As per EMIR Q&A TR Answer 47, this field should be populated as the currency of the underlying to be delivered in the case of a physically settled derivative or the settlement currency, if the derivative is to be cash settled. The Delivery currency 2 field should be populated for those derivatives with an FX component for which two currencies are delivered. If both Deliverable currency and Delivery currency 2 are populated, the field Deliverable currency should be populated with the first currency sorted in alphabetical order.		For FX deliverable (physically settled) trades, this field is not directly applicable, since both currencies in the trade are delivered. This field should therefore be populated with the first currency when sorted alphabetically by the ISO 4217 standard. For FX non-deliverable (cash settled) trades, this field should be used for the currency that will be delivered.

Table	Item	Section	Field	Details to be reported	Format	Trade level N	Trade level M	Trade level E	Trade level C	Trade level R	Trade level Z	Trade level V	Trade level P	Position level N	Position level M	Position level E	Position level C	Position level R	Position level Z	Position level V	Position level P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD	Links	Justification for best practice where applicable
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2	12	Section 2c - Details on the transaction	Trade ID	Until global UTI is available, a Unique Trade ID agreed with the other counterparty	Until global UTI is available, up to 52 alphanumerical character code including four special characters : ". - _." Special characters are not allowed at the beginning and at the end of the code. No space allowed.	M	M	M	M	M	M	C	M	M	M	M	M	M		C		Until global UTI is available and for action types "N", "M","R", "Z", "V" and "P": Up to 52 alphanumerical characters. Four special characters are allowed ":", ".", "-", " _" . Special characters not allowed at the beginning or the end. Not allowed to change the content of this field once it is reported. The uniqueness of the Trade ID shall be preserved at counterparties level, i.e. the combination of the fields Counterparty ID-ID of the other counterparty-Trade ID shall be unique. The UTI shall not be case sensitive. If field 2.93 is populated with "V" and field 1.22 is populated with "Y", this field can be left blank	PAIRING FIELD	• Avoid inclusion of special characters, i.e. only use characters A-Z and 0-9. • Report in UPPER case only	For transaction-level reports, this field is populated with the final version of the UTI as provided by the CCP in their end-of-day report.		OTC - There is inconsistency between the ITS and Validation rules for special characters, i.e. the ITS lists a 'full stop' (".") twice, and the validation rule includes a colon which is in addition to the ITS. The CPMI IOSCO CDE for UTI does not use special characters and advocates upper case only. Additionally, reporting Trade ID in either upper case or lower case is applied inconsistently within the market, causes issues with pairing. In order to increase pairing of Trade ID and avoid inconsistencies with special characters, the best practice promotes a simplified Trade ID with no special characters and only upper case.
2	13	Section 2c - Details on the transaction	Report tracking number	A unique number for the group of reports which relate to the same execution of a derivative contract	An alphanumeric field up to 52 characters	O	O	-	-	O	-	-	M	O	O	-	-	O		-		Up to 52 alphanumerical characters where any character is allowed.	N	No best practice prepared for this field	No best practice prepared for this field		
2	14	Section 2c - Details on the transaction	Complex trade component ID	Identifier, internal to the reporting firm to identify and link all the reports related to the same derivative contract composed of a combination of derivatitve contracts. The code must be unique at the level of the counterparty to the group of transaction reports resulting from the derivative contract. Field applicable only when a firm executes a derivative contract composed of two or more derivatives contract and where this contract cannot be adequately reported in a single report.	An alphanumeric field up to 35 characters	O	O	-	-	O	-	-	O	O	O	-	-	O		-		Up to 35 alphanumerical characters. This fied shall only contain capital Latin letters and numbers.	N	No best practice prepared for this field	No best practice prepared for this field		
2	15	Section 2c - Details on the transaction	Venue of execution	The venue of execution of the derivative contract shall be identified by a unique code for this venue. Where a contract was concluded OTC and the respective instrument is admitted to trading or traded on a trading venue, MIC code ' XOFF' shall be used. Where a contract was concluded OTC and the respective instrument is not admitted to trading or traded on a trading venue, MIC code 'XXXX' shall be used.	ISO 10383 Market Identifier Code (MIC), 4 alphanumerical characters in accordance with Article 4(b).	M	-	-	-	O	-	-	M	O	-	-	-	O		-		Until the date of application of [MiFIR RTS on reference data]: - MIC Code shall be validated against MiFID Database of Regulated Markets and MTFs. If it is a MIC code listed in the MiFID Database, it shall be accepted. - If the MIC is not listed in the MiFID database, it shall be validated against the list of MIC codes maintained and updated by ISO and published at: http://www.iso15022.org/MIC/homepageMIC.htm (column "MIC" in table "MICs List by Country" of the respective Excel file). In case the MIC pertains to a venue in a non-EEA country, the report shall be accepted. Otherwise the report shall be rejected. After the date of application of [MiFIR RTS on reference data]: -This field shall be populated with a MIC code included in the list maintained and updated by ISO and published at: http://www.iso15022.org/MIC/homepageMIC.htm (column "MIC" in table "MICs List by Country" of the respective Excel file).	Y	General principle: If traded on a venue, report the MIC code of the venue. If trading on an SI, populate as "XOFF" or "XXXX" as appropriate (do not report a MIC). Best practice scenarios: See 'Venue of Execution scenarios' tab for detailed best practices.	For transaction-level and position-level reports, firms should populate this field with the relevant Segment MIC code.		For position level reporting, note Q&A TR 17(b) for trades executed at different venues or both on and off exchange.
2	16	Section 2c - Details on the transaction	Compression	Identify whether the contract results from a compression operation as defined in Article 2(1)(47) of Regulation (EU) No 600/2014.	Y = contract results from compression N = contract does not result from compression	M	-	-	-	O	-	-	M	M	-	-	-	O		-		This field shall contain only one of the following values: "Y" or "N". 1 alphabetical character.	Y	The best practice depends on the type of transaction being reported: **• Termination as a result of a compression** • Action Type = "Z" • Compression = [blank] • The early termination date will be reported **• New trade as a result of a compression** • Action Type = "N" • Compression = "Y" **• Modification as a result of a compression** • Action Type = "M" • Compression = [blank] • The new notional amount will be reported As per Q&A TR 17(c), "the compression field... is only intended for reporting at transaction level of OTC contracts not cleared by a CCP". Therefore, all cleared contracts should only be populated with "N".	This field shall be populated with 'N' for transaction and position-level reports.		EMIR RTS states "Y" is only to be populated for contracts that result from a compression event. Validation rules state this field is only applicable for Action Types "N", "R" and "P". Therefore, when a compression event results in a modification (action type "M") or termination (action type "Z"), the Compression field should be left blank. Additionally, as per Validation rules, although a New Trade resulting from a compression event is reported with Compression as "Y", subsequent post trade events are to be reported with the Compression field left blank, i.e. the Compression value is **not** persisted for all post trade events. **NB. Firms may want to verify with their Trade Repository whether the Compression field can be left blank for action types "Z" and "M" without the submission being rejected and whether the Trade Repository would accept a non-blank value for any action types other than "N", "R" or "P".**
2	17	Section 2c - Details on the transaction	Price / rate	The price per derivative excluding, where applicable, commission and accrued interest	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character. In case the price is reported in percent values, it should be expressed as percentage where 100% is represented as "100"	M	O	-	-	O	-	-	M	O	O	-	-	O		-		Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character. "999999999999999.99999" is accepted when the actual value is not available.	Y	• See the 'PriceRate_Price Notation_Quantity' document for best practices under each asset class. General principles: '• "9999" only to be used where the price is not available, e.g. an average price which is only known at maturity. • FX Forward and NDF: Currency order for Exchange Rate – Guidance / rules are required on how to report the currency order. • Zero coupon swaps: Populate with the final amount to be paid at maturity / bullet payment.	For transaction-level reports, this field shall contain the executed trade price. Position-level reports shall be populated with the end-of-day settlement price.	See file 'PriceRate_Price Notation_Quantity'	OTC - Commodities - Additional guidance required for how to report Price/rate Option and Forward products. OTC - Additional guidance / rules required for currency order. Zero Coupon Swap - This is a Rates contract where the fixed leg has a single known amount to be paid at the end of the trade (a bullet payment) and no fixed rate has been agreed. In order to capture this information within the reported data, the final known final amount is to be reported in the Price/rate field. This is generally agreed to be the most suitable field to represent the final amount payable on the fixed leg.
2	18	Section 2c - Details on the transaction	Price notation	The manner in which the price is expressed	U = Units P = Percentage Y = Yield	M	O	-	-	O	-	-	M	O	O	-	-	O		-		This field shall contain one of the following values "U", "P" or "Y". 1 alphabetical character. "X" is accepted when the actual value is not available and the field 2.17 is populated with "999999999999999.99999".	Y	• See the 'PriceRate_Price Notation_Quantity' document for best practices under each asset class. A price given in "basis points" should be reported as "P" (Percentage). The basis points would be converted into a percentage; i.e. any price given in "basis points" should be multiplied by 0.01 to convert to "percentage"/"P" in all cases. • Zero coupon swaps: Populate as "U"	No best practice prepared for this field	See file 'PriceRate_Price Notation_Quantity'	Zero coupon swaps - The known final amount of the fixed leg is to be populated in the Price/rate field, (comment for Price/rate field), so consequently, the Price notation should be reported as "U" / Unit.

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Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
2	19	Section 2c - Details on the transaction	Currency of price	The currency in which the Price / rate is denominated	ISO 4217 Currency Code, 3 alphabetic characters	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.18 is populated with 'U' then the field 2.19 shall be populated with ISO 4217 Currency Code (official list only), 3 alphabetical characters. If field 2.18 is populated with 'P' or 'Y' it shall be left blank.	Y	No best practice prepared for this field	Directly linked to field 2.18. This field shall be populated with a valid currency code as set out in ISO 4217.		
2	20	Section 2c - Details on the transaction	Notional	The reference amount from which contractual payments are determined. In case of partial terminations, amortisations and in case of contracts where the notional, due to the characteristics of the contract, varies over time, it shall reflect the remaining notional after the change took place.	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	M	O	-	-	O	-	-	M	M	O	-	-	O		-		-Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed only when field 2.2 is populated with "CO". The negative symbol, if populated, is not counted as a numerical character.	Y	• Report the notional amount <u>at the time of reporting</u>. • For the avoidance of doubt, a notional change is a reportable event even when the change is a contractually agreed event, e.g. an amortising or accreting notional. • Where there is more than one notional amount, e.g. FX products, sort the currencies alphabetically and report the notional of the first currency. • Amortizing, accreting and resets (on EQ) which change notional amount should be reported as a Modification. • Notional changes which result from the compounding of interest should <u>not</u> be reported. • Zero coupon swaps: Populate with the notional of the floating leg.	For Futures (where field 2.1 Contract type is populated with "FU", Notional is: trade price x number of lots x price multiplier. For Options (where field 2.1 Contract type is populated with "OP", Notional is: strike price x number of lots x price multiplier.		Zero coupon swaps - Where this is a final known amount to be paid on the fixed leg, and so there is no fixed rate or notional amount, the notional amount of the floating leg is to be populated.
2	21	Section 2c - Details on the transaction	Price multiplier	The number of units of the financial instrument which are contained in a trading lot; for example, the number of derivatives represented by the contract	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	M	O	-	-	O	-	-	M	M	O	-	-	O		-		-Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Shall be populated with a positive value.	Y	For FX products, this field should always be populated with "1".	This field should contain the contract size/lot size.		
2	22	Section 2c - Details on the transaction	Quantity	Number of contracts included in the report. For spread bets, the quantity shall be the monetary value wagered per point movement in the direct underlying financial instrument.	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	M	O	-	-	O	-	-	M	M	O	-	-	O		-		-Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Shall be populated with a positive value. Zero is allowed only when field 2.94 is populated with "P".	Y	For FX, Rates and Credit products, this field should always be populate with "1". For Equity and Commodity products see the 'PriceRate_Price Notation_Quantity' best practice document.	This field shall be populated with the number of derivative contracts in the report.	See file 'PriceRate_Price Notation_Quantity'	OTC - the separate 'PriceRate Price Notation Quantity' best practice document is currently under review. OTC - Additional guidance required for Commodity Option and Forward products.
2	23	Section 2c - Details on the transaction	Up-front payment	Amount of any up-front payment the reporting counterparty made or received	Up to 20 numerical characters including decimals. The negative symbol to be used to indicate that the payment was made, not received. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	O	O	-	-	O	-	-	O	O	O	-	-	O		-		-Up to 20 numerical characters including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character.	N	When there is no fee, the field is left blank / null value, rather than populate with "0". When a premium is reported as Price/rate (field 2.17), the Up-front payment field is left blank.	No best practice prepared for this field		• The value submitted for reporting should match the value on the trading platform and/or confirmation. Where there is a discrepancy, resolution of breaks should be discussed bilaterally between trade counterparties.
2	24	Section 2c - Details on the transaction	Delivery type	Indicates whether the contract is settled physically or in cash	C = Cash P = Physical O = Optional for counterparty or when determined by a third party	M	O	-	-	O	-	-	M	M	O	-	-	O		-		Shall contain only one of the following values: "C", "P" or "O". 1 alphabetical character.	Y	FX products: C (Cash): This should be used when the trade is non-deliverable (the full amount of both notionals is not settled by full exchange, rather the trade is settled by a single cash flow). This is equivalent to "cash settlement" as defined in the relevant product definitions published by the International Swaps and Derivatives Association, Inc. ("ISDA"), or "Non-Deliverable" as defined in the relevant product definitions published by ISDA, the Emerging Markets Traders Association and The Foreign Exchange Committee (the "FX Definitions"). P (Physical): This should be used when the trade is deliverable (settled by a full exchange of currencies). This is equivalent to "Physical Settlement", as defined in the relevant product definitions published by ISDA, or "Deliverable", as defined in the FX Definitions. O (Optional for counterparty): This should be used when the counterparty has the right to select either cash or physical delivery. For FX, this value is only applicable to certain currency option transactions.	No best practice prepared for this field		
2	25	Section 2c - Details on the transaction	Execution timestamp	Date and time when the contract was executed	ISO 8601 date in the UTC time format YYYY-MM-DDThh:mm:ssZ	M	O	-	-	O	-	-	M	O	O	-	-	O		-		This field shall be populated in a common input format: YYYY-MM-DDThh:mm:ssZ.	Y	<u>General principle</u>: Date and time a transaction was originally executed, resulting in the generation of a new UTI. The Execution Timestamp remains unchanged throughout the life of the contract and will only changes when the UTI changes / a new UTI is generated. For the avoidance of doubt: **Novations** – the novation timestamp **Cleared trades** – the Execution Timestamp of the alpha trade is available, otherwise the clearing timestamp **Amendments** – persist the original Execution Timestamp, i.e. not the timestamp of the amendment event. **Allocations** – the Execution Date&Time of the original Block trade. See 'Execution Timestamp' tab for more best practice scenarios.	For transaction-level reports, this field shall be populated with the timestamp provided by the CCP (UTC). For give-ups, this field shall be populated with time of give-up rather than original execution time. For position reports, this field shall be left blank.		General principle wording is taken from CPMI-IOSCO CDE definition of Execution timestamp. For cleared trades, it is understood that the intention of regulators is always to receive the MIC of the alpha trade, mechanically therefore forcing the presence of the instrument ISIN into the reporting. By extension this meant that the execution timestamp should also be that of the alpha trade. The timestamp of the alpha trade is received in the clearing request message from the trading platforms or the middleware. If a CCP does not have an Execution timestamp of the alpha trade, only then would they use the clearing timestamp.

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Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
2	26	Section 2c - Details on the transaction	Effective date	Date when obligations under the contract come into effect	ISO 8601 date in the format YYYY-MM-DD	M	O	-	-	O	-	-	M	O	O	-	-	O		-		This field shall be populated in a common input format: YYYY-MM-DD.	Y	contract, report that date (i.e. the effective date represented on the confirmation). • If an effective date is not specified in the terms of the contract, report the execution date (see best practice for Execution Timestamp). • Event and Product specific: • Amendments – persist the original Execution Timestamp, i.e. do not reflect the timestamp of the amendment event. • Cleared trades – see best practice for Execution Timestamp. • Swaptions: Report the execution date of the contract, (note, the Effective Date of the underlyer is not to be used for this field) • Novations: o For new trades (between Transferee/ Transferee1 and Remaining Party/ Transferee 2), either: (1) if the effective date of the trade is in the past, then report the Novation Date of the novation agreement, or (2) if the effective date of the trade is a future date and is yet to occur (i.e. a forward starting swap which has been novated between the Trade Date and the Effective Date), then report that future effective date of the trade. o For partial or full novation between Remaining Party and the Transferor, report the original Effective Date for the transaction.	Current assumption is that this will always be the same as the trade date.		While the RTS definition could be interpreted to mean the date the contract was entered into (i.e. Trade Date) is to be reported, the best practice is to report the Effective Date as agreed on the contract for the following reasons: o EMIR Q&A TR Question 48 asks “How should the Effective date… be reported if it is not specified as part of the terms of the contract?” . This implies that if the contract has an Effective Date, that is the date to report. o The CPMI IOSCO definition for Effective Date is “Unadjusted date at which obligations under the OTC derivative transaction come into effect, as included in the confirmation.” Specifying that it is the date included in the confirmation validates it is the contractually agreed date to be reported.
2	27	Section 2c - Details on the transaction	Maturity date	Original date of expiry of the reported contract. An early termination shall not be reported in this field.	ISO 8601 date in the format YYYY-MM-DD	O	O	-	-	O	-	-	O	O	O	-	-	O		-		When populated, shall be populated in a common input format: YYYY-MM-DD. The value of this field shall be greater than or equal to the value of the field 2.26.	Y	• Although an Optional field, if there is a Maturity Date for the trade, this field must be reported. • The unadjusted Maturity Date should be used, unless both parties agree on reporting the adjusted date. • Where there is different Maturity Dates on the two legs, the Maturity Date reported should be the longest dated. FX products: FX Options - populate with the option expiry date. FX Forwards and Non-Deliverable Forwards (NDFs) - populate with the valuation date of the trade, as defined in FX Definitions.	Reporting firms populate this field with the 'last trade date' which conflicts with CCP's interpretation of this field. CCPs populate this field with 'settlement date'. Regulatory guidance required.		EMIR Q&A - TR Question 12.(c) - specifies the unadjusted Maturity date is to be reported.
2	28	Section 2c - Details on the transaction	Termination date	Termination date in the case of an early termination of the reported contract.	ISO 8601 date in the format YYYY-MM-DD	-	-	-	M	O	M	-	M	-	-	-	M	O		-		When populated, shall be populated in a common input format: YYYY-MM-DD. The value of this field shall be greater than or equal to the value of the date part of the field 2.25. If fields 2.28 and 2.27 are both populated, the value of this field shall be less than or equal to the value of the field 2.27.	Y	No best practice prepared for this field	Populate this field with the trade date to highlight that all ETD trades are compressed into a daily position.		
2	29	Section 2c - Details on the transaction	Settlement date	Date of settlement of the underlying. If more than one, further fields may be used.	ISO 8601 date in the format YYYY-MM-DD	O	O	-	-	O	-	-	O	O	O	-	-	O		-		When populated shall be populated in a common input format: YYYY-MM-DD. The value of this field shall be greater than or equal to the value of the date part of the field 2.25. This field is repeatable.	N	Best practice under review. See 'Comment'	This field will be populated with the maturity date (as populated in field 2.27).		RTS states “Date of settlement of the underlying”, but it is unclear how the definition of the 'underlyer' is to be applied across asset classes and products. Additional clarification (potentially as a Q&A) required.
2	30	Section 2c - Details on the transaction	Master Agreement type	Reference to any master agreement, if existent (e.g. ISDA Master Agreement; Master Power Purchase and Sale Agreement; International ForEx Master Agreement; European Master Agreement or any local Master Agreements).	Free Text, field of up to 50 characters, identifying the name of the Master Agreement used, if any	O	O	-	-	O	-	-	O	O	O	-	-	O		-		Up to 50 alphanumerical characters where any character is allowed.	N	No best practice prepared for this field	This field is left blank for ETD		
2	31	Section 2c - Details on the transaction	Master Agreement version	Reference to the year of the master agreement version used for the reported trade, if applicable (e.g. 1992, 2002, etc.)	ISO 8601 date in the format YYYY	C	O	-	-	O	-	-	O	C	O	-	-	O		-		If field 2.30 is populated, this field shall be populated in a common input format: YYYY. First two digits shall be "19" or "20". Otherwise, it shall be left bank.	N	No best practice prepared for this field	'This field is left blank for ETD		
2	32	Section 2d - Risk mitigation / Reporting	Confirmation timestamp	Date and time of the confirmation, as set out in Article 12 of Commission Delegated Regulation (EU) No 149/2013	ISO 8601 date in the UTC time format YYYY-MM-DDThh:mm:ssZ	C	O	-	-	O	-	-	C	O	O	-	-	O		-		If field 2.33 is populated with "Y" or "E", this field shall be populated in a common input format: YYYY-MM-DDThh:mm:ssZ. The value of this field shall be greater than or equal to the value of the field 2.25 unless the default date is used. "1900-01-01T00:00:00Z" is accepted when the actual value is not available. If field 2.33 is populated with "N", this field shall be left blank.	Y	The timestamp is only reset when there is a new UTI, i.e. once a confirmation timestamp has been reported, it is to be persisted for the life of the contract. The value reported is the date and time the confirmation is **matched**, not the time confirmations are **sent**. For electronic confirmations, the timestamp provided by the confirmation platform should be used. Confirmation timestamp is only a matching field for electronic confirmations (as verified with several TR's). Therefore, although Confirmation timestamp is to be populated when Confirmation Means is set to either "Y" or "E", Confirmation timestamp will only be a matching field when the value is "E".	This field shall remain blank for transaction and position reports.		The original Confirmation timestamp is persisted for all post trade events, unless such event results in a new contact / UTI. Breaks can be caused by one party reporting the Confirmation Timestamp of a post trade event, while the other persists the original datetime. It was reasoned that the original timestamp should persist based on: • The RTS definition's reference to Article 12 of Commission Delegated Regulation (EU) No 149/2013(3) which refers to 'Timely Confirmations' in the context of 'date of execution' only. • The EMIR Q&A, OTC question 15 infers that Confirmation Timestamp is only updated for the original submission, "The timely confirmation of OTC derivative contracts applies wherever a new derivatives contract is concluded" • In consideration to more standardisation between global reporting regimes, the CPMI IOSCO CDE definition for Confirmed (2.18) refers to new transactions only.
2	33	Section 2d - Risk mitigation / Reporting	Confirmation means	Whether the contract was electronically confirmed, non-electronically confirmed or remains unconfirmed	Y = Non-electronically confirmed N = Non-confirmed E = Electronically confirmed	M	O	-	-	O	-	-	M	O	O	-	-	O		-		Shall contain only one of the following values: "Y", N" or "E". 1 alphabetical character.	Y	Cleared trades = "E" Non-cleared • If Venue of Execution has a MIC, report as “N” • Otherwise report “E” or “Y”. Therefore, when executed on an SI, the expectation is that there will be a confirmation. Best practice definitions: • E (Electronically Confirmed): This should be used if the trade is Confirmed by means of matching electronic messages sent by each party to the other or by each party to a third party system. Such electronic messaging systems include, without limitation, SWIFT, CLS, DSMatch, Traiana, Markit and any other such systems used by or agreed to between the parties hereto from time to time. • Y (Non-electronically Confirmed): This should be used if the trade is Confirmed via a manual method, for example email, fax or post.	This field shall be populated with "N" in all cases. This aligns with EMIR TR Answer 50.		Note 1: Reason why cleared trades are reported as “E” is because CCPs confirm cleared trades with both parties to the alpha trade, and with TR Question 50 of the EMIR Q&A referring to derivatives “traded on a trading venue”, i.e. referring to the original alpha trade and not the cleared trade, it is logical to report cleared trades as “E”. Note 2: Reasoning why an OTC non-cleared trade executed on a venue is reported as “N”, is because EMIR Q&A (TR Question 50) states that "N" is to be reported if the derivative “does not have to be confirmed”. While a confirmation may still be issued for an OTC traded on a venue, the trading venue will hold the details of the trade that both parties agreed to and so a confirmation is not a necessary requirement.

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Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
2	34	Section 2e - Clearing	Clearing obligation	Indicates, whether the reported contract belongs to a class of OTC derivatives that has been declared subject to the clearing obligation and both counterparties to the contract are subject to the clearing obligation under Regulation (EU) No 648/2012, as of the time of execution of the contract	Y = Yes N = No	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.15 is not populated with a MIC code of a regulated market, or of a third-country market considered as equivalent to a regulated market, this field shall be populated and shall contain one of the following values "Y" or "N". 'X' is accepted when the actual value is not available. 1 alphabetical characters.	Y	• Report as "N" for all cleared trades, (per EMIR Q&A TR Question 42 (c2). The fields Cleared (2.35) is to be populated with "Y". • Report as "X" if the product is not subject to mandatory clearing, (unless or until the trade is cleared). • Report as "Y" if: (i) the product is subject to the clearing obligation, i.e. the product is subject to mandatory clearing (as per the RTS official journal AND (ii) both counterparties are subject to the clearing obligation, AND (iii) has not yet been cleared, THEN Report as "Y". • See 'EMIR Clearing product classes schedule and Clearing Obligation flag' for additional best practice guidance for the products specified in the official journal).	This field shall always be left blank.	•See 'EMIR Clearing product classes schedule and Clearing Obligation flag'	The EMIR Q&A (TR Question 42) provides guidance on how to report for transactions executed on a regulated market and for cleared trades (as of May 2019). **OTC** - • The Q&A (TR 42.c(c2)) says to populate as "N" for all cleared trades. • The Q&A has removed all reference to the value "X", but it remains a permitted value within the Validation rules. Members propose to retain a scenario for reporting "X", where it will be used to represent products which are not subject to mandatory clearing. Once a trade reported as "X" is cleared, a value of "N" is to be reported. • The Q&A guidance and RTS read that the value "Y" is only reported if the contract AND the counterparties are subject to mandatory clearing, BUT the trade has not yet been cleared. **ETD** - The Q&A (TR 42.c(c1)) says to leave the field blank for transactions executed on a regulated market.
2	35	Section 2e - Clearing	Cleared	Indicates, whether clearing has taken place	Y = Yes N = No	M	O	-	-	O	-	-	M	M	O	-	-	O		-		Shall contain only one of the following values "Y" or "N". 1 alphabetical character.	Y	No best practice prepared for this field	This field shall be populated with 'Y' in all cases.		
2	36	Section 2e - Clearing	Clearing timestamp	Time and date when clearing took place	ISO 8601 date in the UTC time format YYYY-MM-DDThh:mm:ssZ	C	O	-	-	O	-	-	C	O	O	-	-	O		-		If field 2.35 is populated with "Y", this field shall be populated in a common input format: YYYY-MM-DDThh:mm:ssZ. The value of this field shall be greater than or equal to the value of the field 2.25. If field 2.35 is populated with "N", this field shall be left blank.	Y	No best practice prepared for this field	For transaction-level reports, this field shall be populated with the same time as field 2.25 'Execution timestamp'. For position-level reports, a default timestamp of "23:59:00" is populated in this field.		
2	37	Section 2e - Clearing	CCP	In the case of a contract that has been cleared, the unique code for the CCP that has cleared the contract.	ISO 17442 Legal Entity Identifier (LEI) 20 alphanumerical character code.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.35 is populated with "Y" this field shall be populated with a valid LEI included in the GLEIF database maintained by the Central Operating Unit. The status of the LEI shall be "Issued", "Lapsed", "Pending transfer" or "Pending archival". If field 2.35 is populated with "N", this field shall be left blank.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	38	Section 2e - Clearing	Intragroup	Indicates whether the contract was entered into as an intragroup transaction, defined in Article 3 of Regulation (EU) No 648/2012	Y = Yes N = No	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.15 is not populated with a MIC code of a regulated market or of a third-country market considered as equivalent to a regulated market, this field shall be populated and shall contain only one of the following values: "Y" or "N". 1 alphabetic character.	N	No best practice prepared for this field	No best practice prepared for this field		
2	39	Section 2f - Interest Rates	Fixed rate of leg 1	An indication of the fixed rate leg 1 used, if applicable	Up to 10 numerical characters including decimals expressed as percentage where 100% is represented as "100". The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "IR", at least one of the following fields shall be populated: 2.7, 2.39, 2.55. Only one of the fields 2.39 and 2.55 can be populated. When populated, this field shall contain up to 10 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character.	Y	• Zero coupon swaps: Populate as "0"	No best practice prepared for this field		Zero coupon swaps - This is a Rates contract where the fixed leg has a single known amount to be paid at the end of the trade (a bullet payment) and no fixed rate has been agreed. Although "0" (zero) is not an accurate reflection of the fixed rate, it is considered the best fit for this product.
2	40	Section 2f - Interest Rates	Fixed rate of leg 2	An indication of the fixed rate leg 2 used, if applicable	Up to 10 numerical characters including decimals expressed as percentage where 100% is represented as "100". The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "IR" and field 2.1 (Contract type) is populated with "SW" or "ST", one of the following fields shall be populated: 2.40 or 2.58. The other field shall be left blank. When populated, this field shall contain up to 10 numerical characters including up to 9 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	41	Section 2f - Interest Rates	Fixed rate day count leg 1	The actual number of days in the relevant fixed rate leg 1 payer calculation period, if applicable	Numerator/Denominator where both, Numerator and Denominator are numerical characters or alphabetic expression 'Actual', e.g. 30/360 or Actual/365	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.39 is populated, then this field shall be populated and shall contain only numerical characters or word "Actual" followed by slash followed by numerical characters or word "Actual". Up to 13 characters. Otherwise the field shall be left blank.	N	Due to restrictions in allowable values in the day count fraction fields, see "Daycount Draft mapping" document for mappings to reportable values.	No best practice prepared for this field	•See "Daycount Draft mapping"	
2	42	Section 2f - Interest Rates	Fixed rate day count leg 2	The actual number of days in the relevant fixed rate leg 2 payer calculation period, if applicable	Numerator/Denominator where both, Numerator and Denominator are numerical characters or alphabetic expression 'Actual', e.g. 30/360 or Actual/365	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.40 is populated, then this field shall be populated and shall contain only numerical characters or word "Actual" followed by slash followed by numerical characters or word "Actual". Up to 13 characters. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	43	Section 2f - Interest Rates	Fixed rate payment frequency leg 1 –time period	Time period describing frequency of payments for the fixed rate leg 1, if applicable	Time period describing how often the counterparties exchange payments, whereby the following abbreviations apply: Y = Year M = Month W = Week D = Day	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.39 is populated and field 2.1 is not populated with "FR", then this field shall be populated and shall contain only one of the following values: "Y", "M", W" or "D". 1 alphabetic character. Otherwise the field shall be left blank.	N		No best practice prepared for this field		The initial proposal for a Zero Coupon Swap was to report "0Y", but this value will not be accepted within the FpML framework. Therefore, a best practice of "999Y" was proposed instead to distinguish a swap with payment at maturity from a normal yearly coupon. MiFIR data reporting Q&A, section 13 'Reference Data for financial instruments', covers a similar scenario and advises to report "0 'DAYS'". This would translate to reporting "0D" for EMIR, but again with will not be accepted within the FpML framework and so "999Y" remains the best practice.
2	44	Section 2f - Interest Rates	Fixed rate payment frequency leg 1 – multiplier	Multiplier of the time period describing frequency of payments for the fixed rate leg 1, if applicable	Integer multiplier of the time period describing how often the counterparties exchange payments. Up to 3 numerical characters.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.39 is populated and field 2.1 is not populated with "FR", then this field shall be populated and shall contain up to 3 numerical characters. Otherwise the field shall be left blank.	N	• Fixed Rate time period : Zero Coupon swaps to submit "999Y". • The above should be generalised to any time period EMIR fields. i.e. should be able to extend this best practice to any	No best practice prepared for this field		

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Table	Item	Section	Field	Details to be reported	Format	Trade level – Is it Mandatory, Conditional, Optional								Position level – Is it Mandatory, Conditional, Optional								-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
						N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P						
2	45	Section 2f - Interest Rates	Fixed rate payment frequency leg 2 – time period	Time period describing frequency of payments for the fixed rate leg 2, if applicable	Time period describing how often the counterparties exchange payments, whereby the following abbreviations apply: Y = Year M = Month W = Week D = Day	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.40 is populated and field 2.1 is not populated with "FR", then this field shall be populated and shall contain only one of the following values: "Y", "M", W" or "D". 1 alphabetic character. Otherwise the field shall be left blank.	N	EMIR field where the term is D W M Y in the RTS/ITS.	No best practice prepared for this field		
2	46	Section 2f - Interest Rates	Fixed rate payment frequency leg 2 - multiplier	Multiplier of the time period describing frequency of payments for the fixed rate leg 2, if applicable	Integer multiplier of the time period describing how often the counterparties exchange payments. Up to 3 numerical characters.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.40 is populated and field 2.1 is not populated with "FR", then this field shall be populated and shall contain up to 3 numerical characters. Otherwise the field shall be left blank.	N		No best practice prepared for this field		
2	47	Section 2f - Interest Rates	Floating rate payment frequency leg 1 – time period	Time period describing frequency of payments for the floating rate leg 1, if applicable	Time period describing how often the counterparties exchange payments, whereby the following abbreviations apply: Y = Year M = Month W = Week D = Day	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.55 is populated and field 2.1 is not populated with "FR", then this field shall be populated and shall contain only one of the following values: "Y", "M", W" or "D". 1 alphabetic character. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	48	Section 2f - Interest Rates	Floating rate payment frequency leg 1 – multiplier	Multiplier of the time period describing frequency of payments for the floating rate leg 1, if applicable	Integer multiplier of the time period describing how often the counterparties exchange payments. Up to 3 numerical characters.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.55 is populated and field 2.1 is not populated with "FR", then this field shall be populated and shall contain up to 3 numerical characters. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	49	Section 2f - Interest Rates	Floating rate payment frequency leg 2 – time period	Time period describing frequency of payments for the floating rate leg 2, if applicable	Time period describing how often the counterparties exchange payments, whereby the following abbreviations apply: Y = Year M = Month W = Week D = Day	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.58 is populated and field 2.1 is not populated with "FR", then this field shall be populated and shall contain only one of the following values: "Y", "M", W" or "D". 1 alphabetic character. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	50	Section 2f - Interest Rates	Floating rate payment frequency leg 2 – multiplier	Multiplier of the time period describing frequency of payments for the floating rate leg 2, if applicable	Integer multiplier of the time period describing how often the counterparties exchange payments. Up to 3 numerical characters.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.58 is populated and field 2.1 is not populated with "FR", then this field shall be populated and shall contain up to 3 numerical characters. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		The initial proposal for a Zero Coupon Swap was to report "0Y", but this value will not be accepted within the FpML framework. Therefore, a best practice of "999Y" was proposed instead to distinguish a swap with payment at maturity from a normal yearly coupon.
2	51	Section 2f - Interest Rates	Floating rate reset frequency leg 1 – time period	Time period describing frequency of floating rate leg 1 resets, if applicable	Time period describing how often the counterparties reset the floating rate, whereby the following abbreviations apply: Y = Year M = Month W = Week D = Day	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.55 is populated, then this field shall be populated and shall contain only one of the following values: "Y", "M", W" or "D". 1 alphabetic character. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		MiFIR data reporting Q&A, section 13 'Reference Data for financial instruments', covers a similar scenario and advises to report "0 'DAYS'". This would translate to reporting "0D" for EMIR, but again with will not be accepted within the FpML framework and so "999Y" remains the best practice.
2	52	Section 2f - Interest Rates	Floating rate reset frequency leg 1 - multiplier	Multiplier of the time period describing frequency of floating rate leg 1 resets, if applicable	Integer multiplier of the time period describing how often the counterparties reset the floating rate. Up to 3 numerical characters.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.55 is populated, then this field shall be populated and shall contain up to 3 numerical characters. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	53	Section 2f - Interest Rates	Floating rate reset frequency leg 2- time period	Time period of frequency of floating rate leg 2 resets, if applicable	Time period describing how often the counterparties reset the floating rate, whereby the following abbreviations apply: Y = Year M = Month W = Week D = Day	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.58 is populated, then this field shall be populated and shall contain only one of the following values: "Y", "M", W" or "D". 1 alphabetic character. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	54	Section 2f - Interest Rates	Floating rate reset frequency leg 2 - multiplier	Multiplier of the time period describing frequency of floating rate leg 2 resets, if applicable	Integer multiplier of the time period describing how often the counterparties reset the floating rate. Up to 3 numerical characters.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.58 is populated, then this field shall be populated and shall contain up to 3 numerical characters. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	55	Section 2f - Interest Rates	Floating rate of leg 1	An indication of the interest rates used which are reset at predetermined intervals by reference to a market reference rate, if applicable	The name of the floating rate index 'EONA' - EONIA 'EONS' - EONIA SWAP 'EURI' - EURIBOR 'EUUS' – EURODOLLAR 'EUCH' - EuroSwiss 'GCFR' - GCF REPO 'ISDA' - ISDAFIX 'LIBI' - LIBID 'LIBO' - LIBOR 'MAAA' – Muni AAA 'PFAN' - Pfandbriefe 'TIBO' - TIBOR 'STBO' - STIBOR 'BBSW' - BBSW 'JIBA' - JIBAR 'BUBO' - BUBOR 'CDOR' - CDOR 'CIBO' - CIBOR 'MOSP' - MOSPRIM 'NIBO' - NIBOR 'PRBO' - PRIBOR 'TLBO' - TELBOR 'WIBO' – WIBOR 'TREA' – Treasury 'SWAP' – SWAP 'FUSW' – Future SWAP	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "IR", at least one of the following fields shall be populated: 2.7, 2.39, 2.55. Only one of the fields 2.39 and 2.55 can be populated. When populated, this field shall contain up to 25 alphanumerical characters where any character is allowed.	N	The floating rate of leg 1 and leg 2 must take either: (1) one of a set of "4 alphabetic character" codes provided by ESMA in the annex ITS as the name OR (2) if a relevant "4 alphabetic character" code is not included in the INDEX list for the given floating rate, report the official name as assigned by the index provider up to 25 alphanumerical characters. The reference rate €STR is to be reported as free-text as "ESTR". See 'floating rate index documentation.v2' document for a list of mappings between reference rates not included in the Index list and the relevant value to be reported.	No best practice prepared for this field	See file 'floating rate index documentation.v2'	As per EMIR Q&A, TR Question 53, the reference rate €STR is not currently an available value within the ITS, but is to be reported in the free-text field as "ESTR", i.e. the 4-letter code assigned to €STR in the ISO 20022 standard.
2	56	Section 2f - Interest Rates	Floating rate reference period leg 1 – time period	Time period describing the reference period for the floating rate of leg 1	Time period describing reference period, whereby the following abbreviations apply: Y = Year M = Month W = Week D = Day	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.55 is populated, then this field shall be populated and shall contain only one of the following values: "Y", "M", W" or "D". 1 alphabetic character. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	57	Section 2f - Interest Rates	Floating rate reference period leg 1 – multiplier	Multiplier of the time period describing the reference period for the floating rate of leg 1	Integer multiplier of the time period describing the reference period. Up to 3 numerical characters.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.55 is populated, then this field shall be populated and shall contain up to 3 numerical characters. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		

Technical standards						Validations (published 03/04/2017) ESMA published updated on 20/12/2019. Amendments are marked in red font and are to																		Best Practice		Links	Comment
						Trade level Is it Mandatory, Conditional, Optional								Position level Is it Mandatory, Conditional, Optional													
Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
2	58	Section 2f - Interest Rates	Floating rate of leg 2	An indication of the interest rates used which are reset at predetermined intervals by reference to a market reference rate, if applicable	The name of the floating rate index 'EONA' - EONIA 'EONS' - EONIA SWAP 'EURI' - EURIBOR 'EUUS' – EURODOLLAR 'EUCH' - EuroSwiss 'GCFR' - GCF REPO 'ISDA' - ISDAFIX 'LIBI' - LIBID 'LIBO' - LIBOR 'MAAA' – Muni AAA 'PFAN' - Pfandbriefe 'TIBO' - TIBOR 'STBO' - STIBOR 'BBSW' - BBSW 'JIBA' - JIBAR 'BUBO' - BUBOR 'CDOR' - CDOR 'CIBO' - CIBOR 'MOSP' - MOSPRIM	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "IR" and field 2.1 (Contract type) is populated with "SW" or "ST", one of the following fields shall be populated: 2.40 or 2.58. The other field shall be left blank. When populated, this field shall contain up to 25 alphanumerical characters where any character is allowed.	N	The floating rate of leg 1 and leg 2 must take either: (1) one of a set of "4 alphabetic character" codes provided by ESMA in the annex ITS as the name OR (2) if a relevant "4 alphabetic character" code is not included in the INDEX list for the given floating rate, report the official name as assigned by the index provider up to 25 alphanumerical characters. The reference rate €STR is to be reported as free-text as "ESTR". See 'floating rate index documentation.v2' document for a list of mappings between reference rates not included in the Index list and the relevant value to be reported.	No best practice prepared for this field	See file 'floating rate index documentation.v2'	As per EMIR Q&A, TR Question 53, the reference rate €STR is not currently an available value within the ITS, but is to be reported in the free-text field as "ESTR", i.e. the 4-letter code assigned to €STR in the ISO 20022 standard.
2	59	Section 2f - Interest Rates	Floating rate reference period leg 2 – time period	Time period describing the reference period for the floating rate of leg 2	Time period describing reference period, whereby the following abbreviations apply: Y = Year M = Month W = Week D = Day	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.58 is populated, then this field shall be populated and shall contain only one of the following values: "Y", "M", W" or "D". 1 alphabetic character. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	60	Section 2f - Interest Rates	Floating rate reference period leg 2 –multiplier	Multiplier of the time period describing the reference period for the floating rate of leg 2	Integer multiplier of the time period describing the reference period. Up to 3 numerical characters.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.58 is populated, then this field shall be populated and shall contain up to 3 numerical characters. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	61	Section 2g – Foreign Exchange	Delivery currency 2	The cross currency, if different from the currency of delivery	ISO 4217 Currency Code, 3 alphabetical character code	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If populated this field shall contain ISO 4217 Currency Code (official list only), 3 alphabetical characters.	N	No best practice prepared for this field	No best practice prepared for this field		
2	62	Section 2g – Foreign Exchange	Exchange rate 1	The exchange rate as of the date and time when the contract was concluded.. It shall be expressed as a price of base currency in the quoted currency.	Up to 10 numerical digits including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CU" then at least one field out of fields 2.62 and 2.63 shall be populated. When populated, this field shall contain up to 10 numerical digits including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character.	Y	FX products: For FX products populate "Exchange Rate 1" and leave "Forward Exchange Rate" blank.	No best practice prepared for this field		For FX, the validation rules state that at least one of Table 2 Fields 62 and 63 should be populated. As both are matching fields, it is important that there is consistency as to which should be populated. It is therefore suggested that counterparties should use only "Exchange Rate 1" and leave "Forward Exchange Rate" blank.
2	63	Section 2g – Foreign Exchange	Forward exchange rate	Forward exchange rate as agreed between the counterparties in the contractual agreement It shall be expressed as a price of base currency in the quoted currency.	Up to 10 numerical digits including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CU" then at least one field out of fields 2.62 and 2.63 shall be populated. When populated, this field shall contain up to 10 numerical digits including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character.	Y	FX products: For FX products populate "Exchange Rate 1" and leave "Forward Exchange Rate" blank.	No best practice prepared for this field		For FX, the validation rules state that at least one of Table 2 Fields 62 and 63 should be populated. As both are matching fields, it is important that there is consistency as to which should be populated. It is therefore suggested that counterparties should use only "Exchange Rate 1" and leave "Forward Exchange Rate" blank.
2	64	Section 2g – Foreign Exchange	Exchange rate basis	Quote base for exchange rate	Two ISO 4217 currency codes separated by "/". First currency code shall indicate the base currency, and the second currency code shall indicate the quote currency.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CU", this field shall be populated and shall contain ISO 4217 Currency Code (official list only, 3 alphabetical characters) followed by slash ("/") followed by ISO 4217 Currency Code (official list only, 3 alphabetical characters).	Y	No best practice prepared for this field	No best practice prepared for this field		
2	65	Section 2h - Commodities and emission allowances (General)	Commodity base	Indicates the type of commodity underlying the contract	AG = Agricultural EN = Energy FR = Freights ME = Metals IN = Index EV = Environmental EX = Exotic OT = Other	C	O	-	-	O	-	-	C	C	O	-	-	O		-		'If field 2.2 is populated with "CO", this field shall be populated and shall contain only one of the following values: "AG", "EN", "FR", "ME", "IN", "EV", "EX", "OT". 2 alphabetical characters.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	66	Section 2h - Commodities and emission allowances (General)	Commodity details	Details of the particular commodity beyond field 65	Agricultural GO = Grains oilseeds DA = Dairy LI = Livestock FO = Forestry SO = Softs SF = Seafood OT = Other Energy OI = Oil NG = Natural gas CO = Coal EL = Electricity IE = Inter-energy OT = Other Freights DR = Dry WT = Wet OT = Other Metals PR = Precious NP = Non-precious Environmental WE = Weather EM = Emissions OT = Other	C	O	-	-	O	-	-	C	C	O	-	-	O		-		'If field 2.65 is populated with "AG", this field shall be populated and shall contain only one of the following values: "GO", "DA", "LI", "FO", "SO", "SF" or "OT". 2 alphabetical characters. If field 2.65 is populated with "EN", this field shall be populated and shall contain only one of the following values: "OI", "NG", "CO", "EL", "IE" or "OT". 2 alphabetical characters. If field 2.65 is populated with "FR", this field shall be populated and shall contain only one of the following values: "DR" , "WT" or "OT". 2 alphabetical characters. If field 2.65 is populated with "ME", this field shall be populated and shall contain only one of the following values: "PR" or "NP". 2 alphabetical characters. If field 2.65 is populated with "EV", this field shall be populated and shall contain only one of the following values: "WE" , "EM" or "OT". 2 alphabetical characters. If field 2.65 is populated with "IN", "EX" or "OT", this field shall be left blank.	Y	No best practice prepared for this field	No best practice prepared for this field		

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						Trade level Is it Mandatory, Conditional, Optional								Position level Is it Mandatory, Conditional, Optional													
Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
2	67	Section 2h - Commodities and emission allowances (Energy)	Delivery point or zone	Delivery point(s) of market area(s)	EIC code, 16 character alphanumeric code Repeatable field.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.66 is populated with "NG" or "EL" , this field shall be populated and shall contain -an EIC code as specified in the EIC code list and pertaining to a delivery point within the European Union. or - 16 alphanumerical characters XXXXXXXXXXXXXXXX if the delivery point is not within the European Union. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	68	Section 2h - Commodities and emission allowances (Energy)	Interconnection Point	Identification of the border(s) or border point(s) of a transportation contract	EIC code, 16 character alphanumeric code	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.66 is populated with "NG" or "EL" , this field shall be populated and shall contain -an EIC code as specified in the EIC Area Codes (Z) code list and pertaining to a interconnection point within the European Union, or - 16 alphanumerical characters XXXXXXXXXXXXXXXX if the interconnection point is not within the European Union.. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	69	Section 2h - Commodities and emission allowances (Energy)	Load type	Identification of the delivery profile	BL = Base Load PL = Peak Load OP = Off-Peak BH = Hour/Block Hours SH = Shaped GD = Gas Day OT = Other	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated and shall contain one of the following values: "BL", "PL", "OP", "BH", "SH", "GD" or "OT". 2 alphabetical characters. Otherwise the field shall be left blank.	N	No best practice prepared for this field	No best practice prepared for this field		
2	70	Section 2h - Commodities and emission allowances (Energy)	Load delivery intervals	The time interval for each block or shape	hh:mmZ	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated in a common input format: hh:mmZ. Otherwise the field shall be left blank. This field is repeatable.	N	No best practice prepared for this field	No best practice prepared for this field		
2	71	Section 2h - Commodities and emission allowances (Energy)	Delivery start date and time	Start date and time of delivery	ISO 8601 date in the UTC time format YYYY-MM-DDThh:mm:ssZ	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated in a common input format: YYYY-MM-DDThh:mm:ssZ. Otherwise the field shall be left blank. This field is repeatable.	N	No best practice prepared for this field	No best practice prepared for this field		
2	72	Section 2h - Commodities and emission allowances (Energy)	Delivery end date and time	End date and time of delivery	ISO 8601 date in the UTS time format YYYY-MM-DDThh:mm:ssZ	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated in a common input format: YYYY-MM-DDThh:mm:ssZ. The value of this field shall be greater than the value of field 2.71 (Delivery start date and time) Otherwise the field shall be left blank. This field is repeatable.	N	No best practice prepared for this field	No best practice prepared for this field		
2	73	Section 2h - Commodities and emission allowances (Energy)	Duration	The duration of the delivery period	N=Minutes H= Hour D= Day W=Week M=Month Q = Quarter S= Season Y= Annual O=Other	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated and shall contain one of the following values: "N", "H", "D", "W", "M", "Q", "S", "Y" or "O". 1 alphabetical character. Otherwise the field shall be left blank. This field is repeatable.	N	No best practice prepared for this field	No best practice prepared for this field		
2	74	Section 2h - Commodities and emission allowances (Energy)	Days of the week	The days of the week of the delivery	WD = Weekdays WN = Weekend MO = Monday TU = Tuesday WE = Wednesday TH = Thursday FR = Friday SA = Saturday SU = Sunday Multiple values separated by "/ " are permitted	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated and shall contain one of the following values: "WD", "WN", "MO", "TU", "WE", "TH", "FR", "SA", "SU". 2 alphabetical character. Otherwise the field shall be left blank. This field is repeatable.	N	No best practice prepared for this field	No best practice prepared for this field		
2	75	Section 2h - Commodities and emission allowances (Energy)	Delivery capacity	Delivery capacity for each delivery interval specified in field 70	Up to 20 numerical digits including decimals The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated and shall contain up to 20 numerical digits including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character. Otherwise the field shall be left blank. This field is repeatable.	N	No best practice prepared for this field	No best practice prepared for this field		
2	76	Section 2h - Commodities and emission allowances (Energy)	Quantity Unit	Daily or hourly quantity in MWh or kWh/d which corresponds to the underlying commodity	KW KWh/h KWh/d MW MWh/h MWh/d GW GWh/h GWh/d Therm/d KTherm/d MTherm/d cm/d mcm/d	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated and shall contain one of the following values: "KW", "KWh/h", "KWh/d", "MW", "MWh/h", "MWh/d", "GW", "GWh/h", "GWh/d", "Therm/d", "KTherm/d", "MTherm/d", "cm/d" or "mcm/d". Otherwise the field shall be left blank. This field is repeatable.	N	No best practice prepared for this field	No best practice prepared for this field		

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Table	Item	Section	Field	Details to be reported	Format	Trade level Is it Mandatory, Conditional, Optional								Position level Is it Mandatory, Conditional, Optional								-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
						N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P						
2	77	Section 2h - Commodities and emission allowances (Energy)	Price/time interval quantities	If applicable, price per quantity per delivery time interval	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.67 or 2.68 is populated with EIC code, this field shall be populated and shall contain up to 20 numerical digits including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character. Otherwise the field shall be left blank. This field is repeatable.	N	No best practice prepared for this field	No best practice prepared for this field		
2	78	Section 2i - Options	Option type	Indication as to whether the derivative contract is a call (right to purchase a specific underlying asset) or a put (right to sell a specific underlying asset) or whether it cannot be determined whether it is a call or a put at the time of execution of the derivative contract. In case of swaptions it shall be: - "Put", in case of receiver swaption, in which the buyer has the right to enter into a swap as a fixed-rate receiver. -"Call", in case of payer swaption, in which the buyer has the right to enter into a swap as a fixed-rate payer. In case of Caps and Floors it shall be: -"Put", in case of a Floor. -"Call", in case of a Cap.	P = Put C = Call O = where it cannot be determined whether it is a call or a put	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.1 (Contract type) is populated with "OP" or "ST" this field shall be populated and shall contain one of the following values: "P", "C" or "O". 1 alphabetical character.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	79	Section 2i - Options	Option exercise style	Indicates whether the option may be exercised only at a fixed date (European, and Asian style), a series of pre-specified dates (Bermudan) or at any time during the life of the contract (American style)	A = American B = Bermudan E = European S = Asian More than one value is allowed	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.1 (Contract type) is populated with "OP" or "ST" this field shall be populated and shall contain one of the following values: "A", "B", "E" ,"S", "AS", "BS" or "ES". Up to 2 alphabetical characters.	Y	For Caps and Floors, populated with "E" (European)	This field is populated in line with the information contained in the exchange documentation/CCP file or static data provider.		Reasoning for CapFloors to be reported as "E" is that such products would report field 2.1 (Contract Type) as "OP" and therefore it is required to populate the Option exercise style. While a CapFloor would not have an exercise style, there is no option to report 'Other'. Therefore, best practice is be to report as European "E".
2	80	Section 2i - Options	Strike price (cap/floor rate)	The strike price of the option.	Up to 20 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot. The negative symbol, if populated, is not counted as a numerical character. Where the strike price is reported in percent values, it should be expressed as percentage where 100% is represented as "100"	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.1 (Contract type) is populated with "OP" or "ST" this field shall be populated and shall contain up to 20 numerical digits including up to 19 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. Negative values are allowed. The negative symbol, if populated, is not counted as a numerical character. "99999999999999.99999" is accepted when the actual value is not available	Y	No best practice prepared for this field	This field shall be populated with the strike price as quoted in major units.		
2	81	Section 2i - Options	Strike price notation	The manner in which the strike price is expressed	U = Units P = Percentage Y = Yield	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.1 (Contract type) is populated with "OP" or "ST" this field shall be populated and shall contain one of the following values: "U", "P" or "Y". 1 alphabetical character.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	82	Section 2i - Options	Maturity date of the underlying	In case of swaptions, maturity date of the underlying swap	ISO 8601 date in the format YYYY-MM-DD	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.1 (Contract type) is populated with "ST" this field shall be populated in a common input format: YYYY-MM-DD.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	83	Section 2j – Credit derivatives	Seniority	Information on the seniority in case of contract on index or on a single name entity	SNDB = Senior, such as Senior Unsecured Debt (Corporate/Financial), Foreign Currency Sovereign Debt (Government), SBOD = Subordinated, such as Subordinated or Lower Tier 2 Debt (Banks), Junior Subordinated or Upper Tier 2 Debt (Banks), OTHR = Other, such as Preference Shares or Tier 1 Capital (Banks) or other credit derivatives	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CR", this field shall be populated and shall contain one of the following values: "SNDB", "SBOD" or "OTHR". 4 alphabetical characters.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	84	Section 2j – Credit derivatives	Reference entity	Identification of the underlying reference entity	ISO 3166 - 2 character country code or ISO 3166-2 - 2 character country code followed by dash "-" and up to 3 alphanumeric character country subdivision code or ISO 17442 Legal Entity Identifier (LEI) 20 alphanumerical character code	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CR", one of the fields 2.7 or 2.84 shall be populated. When populated, this field shall contain: -valid ISO 3166 code - 2 alphabetical characters, or -valid ISO 3166-2 code - 2 alphabetical characters followed by dash ("-"), followed by up to 3 alphanumerical characters, or -a valid LEI included in the GLEIF database maintained by the Central Operating Unit. The status of the LEI shall be "Issued", "Lapsed", "Pending transfer" or "Pending archival". XXXXXXXXXXXXXXXXXX99can be reported for non-EEA entities that do not have LEI.	N	No best practice prepared for this field	No best practice prepared for this field		
2	85	Section 2j – Credit derivatives	Frequency of payment	The frequency of payment of the interest rate or coupon	MNTH = Monthly QURT = Quarterly MIAN = Semi-annually YEAR = Yearly	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CR", this field shall be populated and shall contain one of the following values: "MNTH", "QURT", "MIAN" or "YEAR". 4 alphabetical characters.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	86	Section 2j – Credit derivatives	The calculation basis	The calculation basis of the interest rate	Numerator/Denominator where both, Numerator and Denominator are numerical characters or alphabetic expression 'Actual', e.g. 30/360 or Actual/365	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CR", this field shall be populated and shall contain only numerical characters or word "Actual" followed by slash followed by numerical characters or word "Actual". Up to 13 characters.	N	No best practice prepared for this field	No best practice prepared for this field		
2	87	Section 2j – Credit derivatives	Series	The series number of the composition of the index if applicable	Integer field up to 5 characters	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CR"and field, 2.7 (Underlying identification type) is populated with "X", this field shall be populated with a positive integer value. Up to 5 numerical characters.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	88	Section 2j – Credit derivatives	Version	A new version of a series is issued if one of the constituents defaults and the index has to be re-weighted to account for the new number of total constituents within the index	Integer field up to 5 characters	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CR"and field, 2.7 (Underlying identification type) is populated with "X", this field shall be populated with a positive integer value. Up to 5 numerical characters.	Y	No best practice prepared for this field	No best practice prepared for this field		

Technical standards						Validations (published 03/04/2017) ESMA published updated on 20/12/2019. Amendments are marked in red font and are to																		Best Practice		Links	Comment
						Trade level Is it Mandatory, Conditional, Optional								Position level Is it Mandatory, Conditional, Optional													
Table	Item	Section	Field	Details to be reported	Format	N	M	E	C	R	Z	V	P	N	M	E	C	R	Z	V	P	-Conditions -Format and content	Matching / Pairing field	OTC	ETD		Justification for best practice where applicable
2	89	Section 2j – Credit derivatives	Index factor	The factor to apply to the Notional (Field 20) to adjust it to all the previous credit events in that Index series. The figure varies between 0 and 100.	Up to 10 numerical characters including decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CR"and field, 2.7 (Underlying identification type) is populated with "X", this field shall be populated with a value between 0 and 100 (0 and 100 inclusive). Up to 10 numerical digits including up to 9 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot.	Y	Report as a decimal, e.g. an index factor of 95% is reported as '0.95', an index factor of 70% is reported as '0.7', etc.	No best practice prepared for this field		It is noted that the valuation rules allow for a value between 0-100 which implies the index factor is reported as a percentage, however standard market practice is to represent Index Factor as a decimal. Furthermore, reporting as a percentage is inconsistent with how similar fields are formatted/reported, e.g. Attachment Point and Detachment Point are to be reported as a decimal, i.e. values of 0-1. For consistency with market practice and to align with other similar fields, members agreed to report as a decimal as standard practice.
2	90	Section 2j – Credit derivatives	Tranche	Indication whether a derivative contract is tranched.	T= Tranched U=Untranched	C	O	-	-	O	-	-	C	C	O	-	-	O		-		If field 2.2 (Asset class) is populated with "CR", this field shall be populated and shall contain one of the following values: "T" or "U". 1 alphabetical character.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	91	Section 2j – Credit derivatives	Attachment point	The point at which losses in the pool will attach to a particular tranche	Up to 10 numerical characters including decimals expressed as a decimal fraction between 0 and 1. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		this field shall be populated with a value between 0 and 1 (0 and 1 inclusive). Up to 10 numerical digits including up to 9 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. If field 2.90 (Tranche) is populated with "U", this field shall be left blank.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	92	Section 2j – Credit derivatives	Detachment point	The point beyond which losses do not affect the particular tranche	Up to 10 numerical characters including decimals expressed as a decimal fraction between 0 and 1. The decimal mark is not counted as a numerical character. If populated, it shall be represented by a dot.	C	O	-	-	O	-	-	C	C	O	-	-	O		-		this field shall be populated with a value between 0 and 1 (0 and 1 inclusive). Up to 10 numerical digits including up to 9 decimals. The decimal mark is not counted as a numerical character. If populated, it shall be represented with a dot. If field 2.90 (Tranche) is populated with "U" this field shall be left blank.	Y	No best practice prepared for this field	No best practice prepared for this field		
2	93	Section 2k - Modifications to the contract	Action type	Whether the report contains: — a derivative contract for the first time, in which case it will be identified as 'new'; — a modification to the terms or details of a previously reported derivative contract, but not a correction of a report, in which case it will be identified as 'modify'. This includes an update to a previous report that is showing a position in order to reflect new trades included in that position.; — a cancellation of a wrongly submitted entire report in case the contract never came into existence or was not subject to Regulation (EU) No 648/ 2012 reporting requirements but was reported to a Trade Repository by mistake, in which case, it will be identified as 'error'; — an early termination of an existing contract, in which case it will be identified as 'early termination'; - a previously submitted report contains erroneous data fields, in which case the report correcting the erroneous data fields of the previous report shall be identified as 'correction'; — a compression of the reported	N = New M = Modify E = Error C = Early Termination R = Correction Z = Compression V = Valuation update P = Position component	M	M	M	M	M	M	M	M	M	M	M	M	M		M		This field shall contain one of the following values: "N", "M", "E", "C", "R", "Z", "V" or "P". 1 alphabetical character. The first report received for given UTI by the reporting counterparty shall only contain value "N" or "P" in this field. If the first report for a given UTI by the counterparty is with action types "M", "E", "C", "R", "Z" or "V" it shall be rejected. Only one report with the action type "New" for a given combination of Counterparty ID-ID of the other counterparty-Trade ID shall be accepted. After a report with action type "E" is submitted, the only allowed action type to be submitted by the other counterparty, if reporting to the same TR, is "E". No additional reports shall be allowed for that UTI.	N	No best practice prepared for this field	No best practice prepared for this field		
2	94	Section 2k - Modifications to the contract	Level	Indication whether the report is done at trade or position level. Position level report can be used only as a supplement to trade level reporting to report post-trade events and only if individual trades in fungible products have been replaced by the position.	T = Trade P = Position	M	M	O	O	M	O	O	M	M	M	O	O	M		O		This field shall contain one of the following values: "T" or "P".	N	No best practice prepared for this field	No best practice prepared for this field		

*Fields 67 – 77 apply only to derivative contracts related to Natural Gas and Electricity delivered in the EU.
*Fields 70 - 77 are repeatable