



## Usage Guideline

# **auth.106.001.01\_ESMAUG\_DATWRN\_1.1.0**

## EMIR Refit - Outgoing Messages - FINAL - V1.1.0

This document describes a usage guideline restricting the base message auth.106.001.01. You can also consult this [information online](#).

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# Message Functionality

## Collection Description

EMIR Refit - Outgoing Messages - FINAL - V1.1.0 ([link](#))

## Usage Guideline Description

auth.106.001.01\_ESMAUG\_DATWRN\_1.1.0 ([link](#))

The DerivativesTradeWarningsReport is sent by the trade repository (TR) to the authority or made available by the trade repository (TR) to the report submitting entity and the reporting counterparty as well as the entity responsible for reporting, if applicable.

## Outline

In the Collection EMIR Refit - Outgoing Messages - FINAL - V1.1.0, the message auth.106.001.01\_ESMAUG\_DATWRN\_1.1.0 is composed of a mandatory Business Application Header V01 (head.001.001.01) and a Document.

### Business Application Header V01 (head.001.001.01)

The Business Application Header V01 (head.001.001.01) is composed of 13 elements.

#### a - Character Set

Contains the character set of the text-based elements used in the Business Message.

#### b - From

The sending MessagingEndpoint that has created this Business Message for the receiving MessagingEndpoint that will process this Business Message.

Note the sending MessagingEndpoint might be different from the sending address potentially contained in the transport header (as defined in the transport layer).

#### c - To

The MessagingEndpoint designated by the sending MessagingEndpoint to be the recipient who will ultimately process this Business Message.

Note the receiving MessagingEndpoint might be different from the receiving address potentially contained in the transport header (as defined in the transport layer).

#### d - Business Message Identifier

Unambiguously identifies the Business Message to the MessagingEndpoint that has created the Business Message.

#### e - Message Definition Identifier

Contains the MessageIdentifier that defines the BusinessMessage.

It must contain a MessageIdentifier published on the ISO 20022 website.

example camt.001.001.03.

#### f - Business Service

Specifies the business service agreed between the two MessagingEndpoints under which rules this Business Message is exchanged.

To be used when there is a choice of processing services or processing service levels.

Example: E&I.

**g - Creation Date**

Date and time when this Business Message (header) was created.

Note Times must be normalized, using the "Z" annotation.

**h - Copy Duplicate**

Indicates whether the message is a Copy, a Duplicate or a copy of a duplicate of a previously sent ISO 20022 Message.

**i - Possible Duplicate**

Flag indicating if the Business Message exchanged between the MessagingEndpoints is possibly a duplicate.

If the receiving MessagingEndpoint did not receive the original, then this Business Message should be processed as if it were the original.

If the receiving MessagingEndpoint did receive the original, then it should perform necessary actions to avoid processing this Business Message again.

This will guarantee business idempotent behaviour.

NOTE: this is named "PossResend" in FIX - this is an application level resend not a network level retransmission.

**j - Priority**

Relative indication of the processing precedence of the message over a (set of) Business Messages with assigned priorities.

**k - Signature**

Contains the digital signature of the Business Entity authorised to sign this Business Message.

**l - Related**

Specifies the Business Application Header of the Business Message to which this Business Message relates.

Can be used when replying to a query; can also be used when canceling or amending.

**m - CrossElementComplexRule : RelatedPresentWhenCopyDupl**

Related MUST contain the relevant BusinessMessageHeader elements of the BusinessMessage to which this BusinessMessage relates.

If CopyDuplicate is present, then Related MUST be present.

**Document - Derivatives Trade Warnings Report V01 (auth.106.001.01)**

The Document - Derivatives Trade Warnings Report V01 (auth.106.001.01) is composed of 2

elements.

**a - Warnings Statistics**

Detailed information on missing valuations of outstanding derivatives, missing margin information of outstanding derivatives, as well as on abnormal values reported in the fields.

**b - Supplementary Data**

Additional information that cannot be captured in the structured fields and/or any other specific block.

## About this document

### Legend

Abbreviation	Term	Description
X	Excluded	An optional field or element must not be populated.
I	Ignored	A field or element could be populated but is ignored by the receiver.
[x..y]	Multiplicity	A field or element multiplicity has changed.
FV	Fixed Value	A field or element must contain a given value.
T/C	Type / Code Change	A user-defined datatype replaces an existing simple datatype.
A	Element Added	A field or element has been added.

Header	Description
Index	Element reference
LvL	Element nesting in tree hierarchy
Name	Element name
XML Tag	Element XML tag
Mult	Element multiplicity
Type / Code	Element formatting
Rest	Restriction type
Additional details	Other restriction specifics

Type/Code Notation	Describes the Element	Examples
text{m,M}	minimum (m) and maximum (M) length	text{1,35}
text{L}	maximum (L) length, minimum length is 0	test{10}
m <= decimal <= M	minimum (m) and maximum (M) values	0.01 <= decimal <= 9999.99
fd = F, td = T	maximum fractional (F) and total (T) number of digits	fd = 2, td = 11
<<regular expression>>	regular expression pattern	[A-Z]{6,6}([A-Z0-9]{3,3}){0,1}

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	0	Full Message		[1..1]			
	1	Business Application Header V01 (head.001.001.01)	<AppHdr>	[1..1]			
	2	From	<Fr>	[1..1]	Choice		
	3	Organisation Identification	<OrgId>	[1..1]			
	4	Identification	<Id>	[0..1]	Choice		
	5	Organisation Identification	<OrgId>	[1..1]			
	6	Other	<Othr>	[0..*]			
	7	Identification	<Id>	[1..1]	text{1,35}		
	7	Scheme Name	<SchmeNm>	[0..1]	Choice		
	8	Code	<Cd>	[1..1]	text{1,4}		
	8	Proprietary	<Prtry>	[1..1]	text{1,35}		
	7	Issuer	<Issr>	[0..1]	text{1,35}		
	2	To	<To>	[1..1]	Choice		
	3	Organisation Identification	<OrgId>	[1..1]			
	4	Identification	<Id>	[0..1]	Choice		
	5	Organisation Identification	<OrgId>	[1..1]			
	6	Other	<Othr>	[0..*]			
	7	Identification	<Id>	[1..1]	text{1,35}		
	7	Scheme Name	<SchmeNm>	[0..1]	Choice		
	8	Code	<Cd>	[1..1]	text{1,4}		
	8	Proprietary	<Prtry>	[1..1]	text{1,35}		
	7	Issuer	<Issr>	[0..1]	text{1,35}		
	2	Business Message Identifier	<BizMsgIdr>	[1..1]	text{1,35}		
	2	Message Definition Identifier	<MsgDefIdr>	[1..1]	text{1,35}		
	2	Creation Date	<CreDt>	[1..1]	dateTime .*Z		
	2	Related	<Rltd>	[0..1]			
	3	From	<Fr>	[1..1]	Choice		
	4	Organisation Identification	<OrgId>	[1..1]			
	5	Identification	<Id>	[0..1]	Choice		
	6	Organisation Identification	<OrgId>	[1..1]			
	7	Other	<Othr>	[0..*]			
	8	Identification	<Id>	[1..1]	text{1,35}		

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	8	Scheme Name	<SchmeNm>	[0..1]	Choice		
	9	Code	<Cd>	[1..1]	text{1,4}		
	9	Proprietary	<Prtry>	[1..1]	text{1,35}		
	8	Issuer	<Issr>	[0..1]	text{1,35}		
	3	To	<To>	[1..1]	Choice		
	4	Organisation Identification	<OrgId>	[1..1]			
	5	Identification	<Id>	[0..1]	Choice		
	6	Organisation Identification	<OrgId>	[1..1]			
	7	Other	<Othr>	[0..*]			
	8	Identification	<Id>	[1..1]	text{1,35}		
	8	Scheme Name	<SchmeNm>	[0..1]	Choice		
	9	Code	<Cd>	[1..1]	text{1,4}		
	9	Proprietary	<Prtry>	[1..1]	text{1,35}		
	8	Issuer	<Issr>	[0..1]	text{1,35}		
	3	Business Message Identifier	<BizMsgIdr>	[1..1]	text{1,35}		
	3	Message Definition Identifier	<MsgDefIdr>	[1..1]	text{1,35}		
	3	Creation Date	<CreDt>	[1..1]	dateTime .*Z		
	1	Document		[1..1]			
	2	Derivatives Trade Warnings Report V01 (auth.106.001.01)	<DerivsTradWrnsRpt>				
	3	Warnings Statistics	<WrnngsSttstcs>	[1..1]	Choice		
	4	Data Set Action	<DataSetActn>	[1..1]	text		
	5	No Transaction			NOTX		
	4	Report	<Rpt>	[1..1]			
	5	Reference Date	<RefDt>	[1..1]	date		
	5	Missing Valuation	<MssngValtn>	[1..1]	Choice		
	6	Data Set Action	<DataSetActn>	[1..1]	text		
	7	No Transaction			NOTX		
	6	Report	<Rpt>	[1..1]			
	7	Number Of Outstanding Derivatives	<NbOfOutsdngDerivs>	[1..1]	decimal td = 18 fd = 0		



Index	Lvl	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	7	Number Of Outstanding Derivatives With No Valuation	<NbOfOutsdngDerivsWthNoValtn>	[1..1]	decimal td = 18 fd = 0		
	7	Number Of Outstanding Derivatives With Outdated Valuation	<NbOfOutsdngDerivsWthOutdtdValtn>	[1..1]	decimal td = 18 fd = 0		
	7	Warnings	<Wrngs>	[1..*]		[1..5 0000 0]	
	8	Counterparty Identification	<CtrPtyId>	[1..1]			
	9	Reporting Counterparty	<RptgCtrPty>	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0-9]{18,18}[0-9]{2,2}		
	9	Report Submitting Entity	<RptSubmitgNtty>	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0-9]{18,18}[0-9]{2,2}		
	9	Entity Responsible For Report	<NttyRspnsblForRpt>	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0-9]{18,18}[0-9]{2,2}		
	8	Number Of Outstanding Derivatives	<NbOfOutsdngDerivs>	[1..1]	decimal td = 18 fd = 0		
	8	Number Of Outstanding Derivatives With No Valuation	<NbOfOutsdngDerivsWthNoValtn>	[1..1]	decimal td = 18 fd = 0		
	8	Number Of Outstanding Derivatives With Outdated Valuation	<NbOfOutsdngDerivsWthOutdtdValtn>	[1..1]	decimal td = 18 fd = 0		
	8	Transaction Details	<TxDtls>	[0..*]			

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	9	Transaction Identification	<TxId>	[1..1]			
	10	Counterparty Other	<OthrCtrPty>	[0..1]	Choice		
	11	Legal	<Lgl>	[1..1]			
	12	Identification	<Id>	[1..1]	Choice		
	13	LEI	<LEI>	[1..1]	text [A-Z0-9]{18,18}[0-9]{2,2}		
	11	Natural	<Ntrl>	[1..1]			
	12	Identification	<Id>	[1..1]			
	13	Identification	<Id>	[1..1]			
	14	Identification	<Id>	[1..1]	text{1,72}		
	12	Country	<Ctry>	[0..1]	text [A-Z]{2,2}		
	10	Unique Identifier	<Unqldr>	[0..1]	Choice	[1..1]	
	11	Transaction Identifier Unique	<UnqTxldr>	[1..1]	text [A-Z0-9]{18}[0-9]{2}[A-Z0-9]{0,32}		
	11	Proprietary	<Prtry>	[1..1]			
	12	Identification	<Id>	[1..1]	text{1,72}		
	9	Valuation Amount	<ValtnAmt>	[0..1]			
	10	Amount	<Amt>	[1..1]	0 <= decimal td = 25 fd = 19	T/C	Type Changed: 0 <= decimal td = 25 fd = 5
	11	Currency Xml Attribute	<Ccy>		text [A-Z]{3,3}		
	10	Sign	<Sgn>	[0..1]	boolean		
	9	Valuation Time Stamp	<ValtnTmStmp>	[0..1]	Choice		

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	10	Date Time	<DtTm>	[1..1]	dateTime		
	5	Missing Margin Information	<MssngMrgnInf>	[1..1]	Choice		
	6	Data Set Action	<DataSetActn>	[1..1]	text		
	7	No Transaction			NOTX		
	6	Report	<Rpt>	[1..1]			
	7	Number Of Outstanding Derivatives	<NbOfOutsdngD erivs>	[1..1]	decimal td = 18 fd = 0		
	7	Number Of Outstanding Derivatives With No Margin Information	<NbOfOutsdngD erivsWthNoMrgnl nf>	[1..1]	decimal td = 18 fd = 0		
	7	Number Of Outstanding Derivatives With Outdated Margin Information	<NbOfOutsdngD erivsWthOutdtdM rgnInf>	[1..1]	decimal td = 18 fd = 0		
	7	Warnings	<Wrngs>	[1..*]		[1..5 0000 0]	
	8	Counterparty Identification	<CtrPtyId>	[1..1]			
	9	Reporting Counterparty	<RptgCtrPty>	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0- 9]{18,18}[0- 9]{2,2}		
	9	Report Submitting Entity	<RptSubmitgNtty >	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0- 9]{18,18}[0- 9]{2,2}		
	9	Entity Responsible For Report	<NttyRspnsblFor Rpt>	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0- 9]{18,18}[0- 9]{2,2}		
	8	Number Of Outstanding Derivatives	<NbOfOutsdngD erivs>	[1..1]	decimal td = 18 fd = 0		

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	8	Number Of Outstanding Derivatives With No Margin Information	<NbOfOutsdngDerivsWthNoMrgnl nf>	[1..1]	decimal td = 18 fd = 0		
	8	Number Of Outstanding Derivatives With Outdated Margin Information	<NbOfOutsdngDerivsWthOutdtdM rgnInf>	[1..1]	decimal td = 18 fd = 0		
	8	Transaction Details	<TxDtIs>	[0..*]			
	9	Transaction Identification	<TxId>	[1..1]			
	10	Other Counterparty	<OthrCtrPty>	[0..1]	Choice		
	11	Legal	<Lgl>	[1..1]			
	12	Identification	<Id>	[1..1]	Choice		
	13	LEI	<LEI>	[1..1]	text [A-Z0-9]{18,18}[0-9]{2,2}		
	11	Natural	<Ntrl>	[1..1]			
	12	Identification	<Id>	[1..1]			
	13	Identification	<Id>	[1..1]			
	14	Identification	<Id>	[1..1]	text{1,72}		
	12	Country	<Ctry>	[0..1]	text [A-Z]{2,2}		
	10	Unique Identifier	<Unqldr>	[0..1]	Choice	[1..1]	
	11	Unique Transaction Identifier	<UnqTxldr>	[1..1]	text [A-Z0-9]{18}[0-9]{2}[A-Z0-9]{0,32}		
	11	Proprietary	<Prtry>	[1..1]			
	12	Identification	<Id>	[1..1]	text{1,72}		
	9	Collateral Time Stamp	<CollTmStmp>	[0..1]	dateTime	[1..1]	
	5	Abnormal Values	<AbnrmlVals>	[1..1]	Choice		

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	6	Data Set Action	<DataSetActn>	[1..1]	text		
	7	No Transaction			NOTX		
	6	Report	<Rpt>	[1..1]			
	7	Reported Number Of Derivatives	<NbOfDerivsRpt d>	[1..1]	decimal td = 18 fd = 0		
	7	Reported With Outliers Number Of Derivatives	<NbOfDerivsRpt dWthOtlrs>	[1..1]	decimal td = 18 fd = 0		
	7	Warnings	<Wrngs>	[1..*]		[1..5 0000 0]	
	8	Identification Counterparty	<CtrPtyId>	[1..1]			
	9	Reporting Counterparty	<RptgCtrPty>	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0- 9]{18,18}[0- 9]{2,2}		
	9	Entity Report Submitting	<RptSubmitgNtty >	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0- 9]{18,18}[0- 9]{2,2}		
	9	Entity Responsible For Report	<NttyRspnsblFor Rpt>	[0..1]	Choice		
	10	LEI	<LEI>	[1..1]	text [A-Z0- 9]{18,18}[0- 9]{2,2}		
	8	Number Of Derivatives Reported	<NbOfDerivsRpt d>	[1..1]	decimal td = 18 fd = 0		
	8	Number Of Derivatives Reported With Outliers	<NbOfDerivsRpt dWthOtlrs>	[1..1]	decimal td = 18 fd = 0		
	8	Transaction Details	<TxDtIs>	[0..*]			

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	9	Transaction Identification	<TxId>	[1..1]			
	10	Action Type	<ActnTp>	[0..1]	text		
	11	Correction			CORR		
	11	Modification			MODI		
	11	New Transaction			NEWT		
	11	Position Component			POSC		
	10	Reporting Time Stamp	<RptgTmStmp>	[0..1]	dateTime		
	10	Derivative Event Type	<DerivEvtTp>	[0..1]	text		
	11	Allocation			ALOC		
	11	Clearing			CLRG		
	11	Compression			COMP		
	11	Corporate Action			CORP		
	11	Credit Event			CREV		
	11	Early Termination			ETRM		
	11	Exercise			EXER		
	11	In Position Inclusion			INCP		
	11	Novation			NOVA		
	11	Trade			TRAD		
	11	Update			UPDT		
	10	Derivative Event Time Stamp	<DerivEvtTmStm p>	[0..1]	Choice		
	11	Date	<Dt>	[1..1]	date		
	10	Other Counterparty	<OthrCtrPty>	[0..1]	Choice		
	11	Legal	<Lgl>	[1..1]			

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	12	Identification	<Id>	[1..1]	Choice		
	13	LEI	<LEI>	[1..1]	text [A-Z0-9]{18,18}[0-9]{2,2}		
	11	Natural	<Ntrl>	[1..1]			
	12	Identification	<Id>	[1..1]			
	13	Identification	<Id>	[1..1]			
	14	Identification	<Id>	[1..1]	text{1,72}		
	12	Country	<Ctry>	[0..1]	text [A-Z]{2,2}		
	10	Unique Identifier	<Unqldr>	[0..1]	Choice	[1..1]	
	11	Transaction Identifier Unique	<UnqTxldr>	[1..1]	text [A-Z0-9]{18}[0-9]{2}[A-Z0-9]{0,32}		
	11	Proprietary	<Prtry>	[1..1]			
	12	Identification	<Id>	[1..1]	text{1,72}		
	9	Notional Amount	<NtnlAmt>	[0..1]		[1..1]	
	10	First Leg	<FrstLeg>	[0..1]		[1..1]	
	11	Amount	<Amt>	[0..1]		[1..1]	
	12	Amount	<Amt>	[1..1]	0 <= decimal td = 25 fd = 19	T/C	Type Changed: 0 <= decimal td = 25 fd = 5
	13	Attribute Currency Xml	<Ccy>		text [A-Z]{3,3}		
	11	Schedule Period	<SchdlPrd>	[0..*]			
	12	Unadjusted Effective Date	<UadjstdFctvDt>	[1..1]	date		
	12	Unadjusted End Date	<UadjstdEndDt>	[0..1]	date		

Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	12	Amount	<Amt>	[1..1]			
	13	Amount	<Amt>	[1..1]	0 <= decimal td = 25 fd = 19		
	14	Attribute Currency	Xml <Ccy>		text [A-Z]{3,3}		
	13	Sign	<Sgn>	[0..1]	boolean		
	10	Second Leg	<ScndLeg>	[0..1]			
	11	Amount	<Amt>	[0..1]			
	12	Amount	<Amt>	[1..1]	0 <= decimal td = 25 fd = 19	T/C	Type Changed: 0 <= decimal td = 25 fd = 5
	13	Attribute Currency	Xml <Ccy>		text [A-Z]{3,3}		
	11	Schedule Period	<SchdlPrd>	[0..*]			
	12	Unadjusted Effective Date	<UadjstdFctvDt>	[1..1]	date		
	12	Unadjusted End Date	<UadjstdEndDt>	[0..1]	date		
	12	Amount	<Amt>	[1..1]			
	13	Amount	<Amt>	[1..1]	0 <= decimal td = 25 fd = 19		
	14	Attribute Currency	Xml <Ccy>		text [A-Z]{3,3}		
	13	Sign	<Sgn>	[0..1]	boolean		
	11	Currency	<Ccy>	[0..1]	text [A-Z]{3,3}		
	9	Notional Quantity	<NtnlQty>	[0..1]			
	10	First Leg	<FrstLeg>	[0..1]			
	11	Quantity Total	<TtlQty>	[0..1]	decimal td = 25 fd = 19	T/C	Type Changed: 0 <= decimal td = 25 fd = 5
	11	Details	<Dtls>	[0..1]	Choice		



Index	Lv l	Name	XML Tag	Mult	Type / Code	Rest r	Additional details
	12	Schedule Period	<SchdlPrd>	[1..*]			
	13	Quantity	<Qty>	[1..1]	decimal td = 25 fd = 19	T/C	Type Changed: 0 <= decimal td = 25 fd = 5
	13	Unadjusted Effective Date	<UadjstdFctvDt>	[1..1]	date		
	13	Unadjusted End Date	<UadjstdEndDt>	[0..1]	date		
	10	Second Leg	<ScndLeg>	[0..1]			
	11	Quantity Total	<TtlQty>	[0..1]	decimal td = 25 fd = 19	T/C	Type Changed: 0 <= decimal td = 25 fd = 5
	11	Details	<Dtls>	[0..1]	Choice		
	12	Schedule Period	<SchdlPrd>	[1..*]			
	13	Quantity	<Qty>	[1..1]	decimal td = 25 fd = 19	T/C	Type Changed: 0 <= decimal td = 25 fd = 5
	13	Unadjusted Effective Date	<UadjstdFctvDt>	[1..1]	date		
	13	Unadjusted End Date	<UadjstdEndDt>	[0..1]	date		

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