ISO 20022

Target2-Securities - Collateral Reporting

Message Definition Report - Part 2

Approved by the Securities and Payments SEG under the leadership of the Securities SEG on the 19th of July 2019.

This document provides details of the Message Definitions for Target2-Securities - Collateral Reporting.

July 2019

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Message Set Overview

1 Message Set Overview

Introduction

This document describes the Target2-Securities - Collateral Reporting message definitions.

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
colr.001.001.01 CollateralValueQueryV01	The CollateralValueQuery message is sent by a system member (such as a directly connected party) to the system transaction administrator to query the current available value of securities for auto collateralisation for one specific or several cash accounts.
colr.002.001.01 CollateralValueReportV01	The CollateralValueReport message is sent by the system transaction administrator to a system member (such as a directly connected party) to provide further information the current available value of securities for auto collateralisation for one specific or several cash accounts.

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2.1 MessageDefinition Functionality

The CollateralValueQuery message is sent by a system member (such as a directly connected party) to the system transaction administrator to query the current available value of securities for auto collateralisation for one specific or several cash accounts.

Outline

The CollateralValueQueryV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. MessageHeader

Set of elements to identify the collateral value query message.

B. CollateralValueQueryDefinition

Definition of the collateral query.

C. SupplementaryData

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

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2.2 Structure

Or	MessageElement/BuildingBlock*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Message root <Document> <CollValQry>	[1..1]			
	MessageHeader *<MsgHdr>*	[1..1]	±		6
	CollateralValueQueryDefinition *<CollValQryDef>*	[0..1]			7
{Or	**QueryName** *<QryNm>*	[1..1]	Text		8
Or}	**NewCriteria** *<NewCrit>*	[1..1]			8
	QueryName *<QryNm>*	[0..1]	Text		9
	SearchCriteria *<SchCrit>*	[0..1]		C4	9
	CashAccountIdentification *<CshAcctId>*	[0..1]	±		10
	Currency *<Ccy>*	[0..*]	CodeSet	C1	10
	CashAccountOwner *<CshAcctOwnr>*	[0..1]	±		11
	CashAccountServicer *<CshAcctSvcr>*	[0..1]	±		11
	FinancialInstrumentIdentification *<FinInstrmId>*	[0..*]	±	C6, C7, C9, C10, C11	11
	SecuritiesAccountOwner *<SctiesAcctOwnr>*	[0..1]	±		12
	SecuritiesAccountServicer *<SctiesAcctSvcr>*	[0..1]	±		12
	ReturnCriteria *<RtrCrit>*	[0..1]			13
	CashAccountOwnerIndicator *<CshAcctOwnrInd>*	[0..1]	Indicator		13
	CashAccountServicerIndicator *<CshAcctSvcrInd>*	[0..1]	Indicator		13
	SecuritiesAccountOwnerIndicator *<SctiesAcctOwnrInd>*	[0..1]	Indicator		13
	SecuritiesAccountServicerIndicator *<SctiesAcctSvcrInd>*	[0..1]	Indicator		14
	TotalCollateralValuationIndicator *<TtlCollValtnInd>*	[0..1]	Indicator		14
	SecuritiesAccountIndicator *<SctiesAcctInd>*	[0..1]	Indicator		14
	Securities *<Scties>*	[0..1]	Indicator		14
	SupplementaryData *<SplmtryData>*	[0..*]	±	C12	14

2.3 Constraints

C1 ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

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C2 AnyBIC

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

C3 BICFI

Valid BICs for financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consist of eight (8) or eleven (11) contiguous characters.

C4 CashAccountIdentificationGuideline

If the account identification identifies a group of accounts with different types or in different currencies, the currency and/or the account type can be used as additional search criteria.

C5 Country

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

C6 DescriptionPresenceRule

If Description is not present then either ISIN or at least one occurrence of OtherIdentification must be present.

C7 DescriptionUsageRule

Description must be used alone as the last resort.

C8 IBAN

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

C9 ISINGuideline

When an ISIN code exists, it is strongly recommended that the ISIN be used.

C10 ISINPresenceRule

If ISIN is not present then either Description or at least one occurrence of OtherIdentification must be present.

C11 OtherIdentificationPresenceRule

If OtherIdentification is not present then either ISIN or Description must be present.

C12 SupplementaryDataRule

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

2.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

2.4.1 MessageHeader <MsgHdr>

Presence: [1..1]

Definition: Set of elements to identify the collateral value query message.

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MessageHeader <MsgHdr> contains the following elements (see <u>"MessageHeader3" on page 56</u> for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	MessageIdentification *<MsgId>*	[1..1]	Text		57
	CreationDateTime *<CreDtTm>*	[0..1]	DateTime		57
	RequestType *<ReqTp>*	[0..1]			57
{Or	PaymentControl *<PmtCtrl>*	[1..1]	CodeSet		57
Or	Enquiry *<Enqry>*	[1..1]	CodeSet		58
Or}	Proprietary *<Prtry>*	[1..1]	±		58
	OriginalBusinessQuery *<OrgnlBizQry>*	[0..1]	±		58
	QueryName *<QryNm>*	[0..1]	Text		59

2.4.2   CollateralValueQueryDefinition <CollValQryDef>

Presence: [0..1]

Definition: Definition of the collateral query.

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CollateralValueQueryDefinition <CollValQryDef> contains one of the following **CollateralValueCriteriaDefinition3Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	**QueryName** <*QryNm*>	[1..1]	Text		8
Or}	**NewCriteria** <*NewCrit*>	[1..1]			8
	QueryName <*QryNm*>	[0..1]	Text		9
	SearchCriteria <*SchCrit*>	[0..1]		C4	9
	CashAccountIdentification <*CshAcctId*>	[0..1]	±		10
	Currency <*Ccy*>	[0..*]	CodeSet	C1	10
	CashAccountOwner <*CshAcctOwnr*>	[0..1]	±		11
	CashAccountServicer <*CshAcctSvcr*>	[0..1]	±		11
	FinancialInstrumentIdentification <*FinInstrmId*>	[0..*]	±	C6, C7, C9, C10, C11	11
	SecuritiesAccountOwner <*SctiesAcctOwnr*>	[0..1]	±		12
	SecuritiesAccountServicer <*SctiesAcctSvcr*>	[0..1]	±		12
	ReturnCriteria <*RtrCrit*>	[0..1]			13
	CashAccountOwnerIndicator <*CshAcctOwnrInd*>	[0..1]	Indicator		13
	CashAccountServicerIndicator <*CshAcctSvcrInd*>	[0..1]	Indicator		13
	SecuritiesAccountOwnerIndicator <*SctiesAcctOwnrInd*>	[0..1]	Indicator		13
	SecuritiesAccountServicerIndicator <*SctiesAcctSvcrInd*>	[0..1]	Indicator		14
	TotalCollateralValuationIndicator <*TtlCollValtnInd*>	[0..1]	Indicator		14
	SecuritiesAccountIndicator <*SctiesAcctInd*>	[0..1]	Indicator		14
	Securities <*Scties*>	[0..1]	Indicator		14

2.4.2.1 QueryName <QryNm>

Presence: [1..1]

Definition: Recalls the criteria (search and return criteria) defined in a preceding query.

Datatype: "Max35Text" on page 81

2.4.2.2 NewCriteria <NewCrit>

Presence: [1..1]

Definition: Explicitly defines the query criteria.

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NewCriteria <NewCrit> contains the following **CollateralValueCriteria3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	QueryName <QryNm>	[0..1]	Text		9
	SearchCriteria <SchCrit>	[0..1]		C4	9
	CashAccountIdentification <CshAcctId>	[0..1]	±		10
	Currency <Ccy>	[0..*]	CodeSet	C1	10
	CashAccountOwner <CshAcctOwnr>	[0..1]	±		11
	CashAccountServicer <CshAcctSvcr>	[0..1]	±		11
	FinancialInstrumentIdentification <FinInstrmId>	[0..*]	±	C6, C7, C9, C10, C11	11
	SecuritiesAccountOwner <SctiesAcctOwnr>	[0..1]	±		12
	SecuritiesAccountServicer <SctiesAcctSvcr>	[0..1]	±		12
	ReturnCriteria <RtrCrit>	[0..1]			13
	CashAccountOwnerIndicator <CshAcctOwnrInd>	[0..1]	Indicator		13
	CashAccountServicerIndicator <CshAcctSvcrInd>	[0..1]	Indicator		13
	SecuritiesAccountOwnerIndicator <SctiesAcctOwnrInd>	[0..1]	Indicator		13
	SecuritiesAccountServicerIndicator <SctiesAcctSvcrInd>	[0..1]	Indicator		14
	TotalCollateralValuationIndicator <TtlCollValtnInd>	[0..1]	Indicator		14
	SecuritiesAccountIndicator <SctiesAcctInd>	[0..1]	Indicator		14
	Securities <Scties>	[0..1]	Indicator		14

2.4.2.2.1 QueryName <QryNm>

Presence: [0..1]

Definition: Name of the query defined by the search criteria and return criteria.

Datatype: "Max35Text" on page 81

2.4.2.2.2 SearchCriteria <SchCrit>

Presence: [0..1]

Definition: Defines the criteria to be used to extract the account information.

Impacted by: C4 "CashAccountIdentificationGuideline"

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SearchCriteria <SchCrit> contains the following **CollateralValueSearchCriteria3** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	CashAccountIdentification *<CshAcctId>*	[0..1]	±		10
	Currency *<Ccy>*	[0..*]	CodeSet	C1	10
	CashAccountOwner *<CshAcctOwnr>*	[0..1]	±		11
	CashAccountServicer *<CshAcctSvcr>*	[0..1]	±		11
	FinancialInstrumentIdentification *<FinInstrmId>*	[0..*]	±	C6, C7, C9, C10, C11	11
	SecuritiesAccountOwner *<SctiesAcctOwnr>*	[0..1]	±		12
	SecuritiesAccountServicer *<SctiesAcctSvcr>*	[0..1]	±		12

Constraints

- **CashAccountIdentificationGuideline**

  If the account identification identifies a group of accounts with different types or in different currencies, the currency and/or the account type can be used as additional search criteria.

2.4.2.2.2.1 CashAccountIdentification <CshAcctId>

Presence: [0..1]

Definition: Unique and unambiguous identification for the cash account between the account owner and the account servicer.

CashAccountIdentification <CshAcctId> contains one of the following elements (see "AccountIdentification4Choice" on page 44 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	IBAN *<IBAN>*	[1..1]	IdentifierSet	C9	44
Or}	Other *<Othr>*	[1..1]	±		44

2.4.2.2.2.2 Currency <Ccy>

Presence: [0..*]

Definition: Medium of exchange of value.

Impacted by: C1 "ActiveOrHistoricCurrency"

Datatype: "ActiveOrHistoricCurrencyCode" on page 73

Constraints

- **ActiveOrHistoricCurrency**

  The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3)

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contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

2.4.2.2.2.3 CashAccountOwner <CshAcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account being queried.

CashAccountOwner <CshAcctOwnr> contains the following elements (see "SystemPartyIdentification8" on page 63 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		63
	ResponsiblePartyIdentification <RspnsblPtyId>	[0..1]	±		63

2.4.2.2.2.4 CashAccountServicer <CshAcctSvcr>

Presence: [0..1]

Definition: Party that manages the account on behalf of the account owner, which is being queried.

CashAccountServicer <CshAcctSvcr> contains the following elements (see "BranchAndFinancialInstitutionIdentification6" on page 49 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitutionIdentification <FinInstnId>	[1..1]	±		49
	BranchIdentification <BrnchId>	[0..1]	±		50

2.4.2.2.2.5 FinancialInstrumentIdentification <FinInstrmId>

Presence: [0..*]

Definition: ISIN identification of the related financial instrument into which this security can be converted.

Impacted by: C6 "DescriptionPresenceRule", C7 "DescriptionUsageRule", C9 "ISINGuideline", C10 "ISINPresenceRule", C11 "OtherIdentificationPresenceRule"

FinancialInstrumentIdentification <FinInstrmId> contains the following elements (see "SecurityIdentification19" on page 51 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ISIN <ISIN>	[0..1]	IdentifierSet		52
	OtherIdentification <OthrId>	[0..*]			52
	Identification <Id>	[1..1]	Text		53
	Suffix <Sfx>	[0..1]	Text		53
	Type <Tp>	[1..1]	±		53
	Description <Desc>	[0..1]	Text		53

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Constraints

- **DescriptionPresenceRule**

  If Description is not present then either ISIN or at least one occurrence of OtherIdentification must be present.

  ```
  On Condition
      /Description is absent
  Following Must be True
      /ISIN Must be present
   Or    /OtherIdentification[*] Must be present
  ```

- **DescriptionUsageRule**

  Description must be used alone as the last resort.

- **ISINGuideline**

  When an ISIN code exists, it is strongly recommended that the ISIN be used.

- **ISINPresenceRule**

  If ISIN is not present then either Description or at least one occurrence of OtherIdentification must be present.

  ```
  On Condition
      /ISIN is absent
  Following Must be True
      /OtherIdentification[*] Must be present
   Or    /Description Must be present
  ```

- **OtherIdentificationPresenceRule**

  If OtherIdentification is not present then either ISIN or Description must be present.

  ```
  On Condition
      /OtherIdentification[*] is absent
  Following Must be True
      /ISIN Must be present
   Or    /Description Must be present
  ```

2.4.2.2.2.6 SecuritiesAccountOwner <SctiesAcctOwnr>

Presence: [0..1]

Definition: Unique and unambiguous identification of the securities account owner.

SecuritiesAccountOwner <SctiesAcctOwnr> contains the following elements (see "SystemPartyIdentification8" on page 63 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	±		63
	ResponsiblePartyIdentification *<RspnsblPtyId>*	[0..1]	±		63

2.4.2.2.2.7 SecuritiesAccountServicer <SctiesAcctSvcr>

Presence: [0..1]

Definition: Party that manages the securities account on behalf of the account owner.

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SecuritiesAccountServicer <SctiesAcctSvcr> contains the following elements (see "PartyIdentification136" on page 61 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	±		61
	LEI <*LEI*>	[0..1]	IdentifierSet		61

2.4.2.2.3 ReturnCriteria <RtrCrit>

Presence: [0..1]

Definition: Defines the expected account report.

ReturnCriteria <RtrCrit> contains the following **CollateralValueReturnCriteria1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CashAccountOwnerIndicator <*CshAcctOwnrInd*>	[0..1]	Indicator		13
	CashAccountServicerIndicator <*CshAcctSvcrInd*>	[0..1]	Indicator		13
	SecuritiesAccountOwnerIndicator <*SctiesAcctOwnrInd*>	[0..1]	Indicator		13
	SecuritiesAccountServicerIndicator <*SctiesAcctSvcrInd*>	[0..1]	Indicator		14
	TotalCollateralValuationIndicator <*TtlCollValtnInd*>	[0..1]	Indicator		14
	SecuritiesAccountIndicator <*SctiesAcctInd*>	[0..1]	Indicator		14
	Securities <*Scties*>	[0..1]	Indicator		14

2.4.2.2.3.1 CashAccountOwnerIndicator <CshAcctOwnrInd>

Presence: [0..1]

Definition: Indicates whether the cash account owner information is requested.

Datatype: One of the following values must be used (see "RequestedIndicator" on page 79):

- *Meaning When True:* Requested

- *Meaning When False:* Not Requested

2.4.2.2.3.2 CashAccountServicerIndicator <CshAcctSvcrInd>

Presence: [0..1]

Definition: Indicates whether the cash account servicer information is requested.

Datatype: One of the following values must be used (see "RequestedIndicator" on page 79):

- *Meaning When True:* Requested

- *Meaning When False:* Not Requested

2.4.2.2.3.3 SecuritiesAccountOwnerIndicator <SctiesAcctOwnrInd>

Presence: [0..1]

Definition: Indicates whether the securities account owner information is requested.

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Datatype: One of the following values must be used (see "RequestedIndicator" on page 79):

- *Meaning When True:* Requested

- *Meaning When False:* Not Requested

2.4.2.2.3.4 SecuritiesAccountServicerIndicator <SctiesAcctSvcrInd>

Presence: [0..1]

Definition: Indicates whether the securities account servicer information is requested.

Datatype: One of the following values must be used (see "RequestedIndicator" on page 79):

- *Meaning When True:* Requested

- *Meaning When False:* Not Requested

2.4.2.2.3.5 TotalCollateralValuationIndicator <TtlCollValtnInd>

Presence: [0..1]

Definition: Indicates whether the total value of the collateral valuation information is requested..

Datatype: One of the following values must be used (see "RequestedIndicator" on page 79):

- *Meaning When True:* Requested

- *Meaning When False:* Not Requested

2.4.2.2.3.6 SecuritiesAccountIndicator <SctiesAcctInd>

Presence: [0..1]

Definition: Indicates whether the securities account information is requested.

Datatype: One of the following values must be used (see "RequestedIndicator" on page 79):

- *Meaning When True:* Requested

- *Meaning When False:* Not Requested

2.4.2.2.3.7 Securities <Scties>

Presence: [0..1]

Definition: Indicates whether the securities account information is requested.

Datatype: One of the following values must be used (see "RequestedIndicator" on page 79):

- *Meaning When True:* Requested

- *Meaning When False:* Not Requested

2.4.3 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C12 "SupplementaryDataRule"

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SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 60 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	PlaceAndName *<PlcAndNm>*	[0..1]	Text		60
	Envelope *<Envlp>*	[1..1]	(External Schema)		61

Constraints

- **SupplementaryDataRule**

  This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

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colr.002.001.01 CollateralValueReportV01

3 colr.002.001.01 CollateralValueReportV01

3.1 MessageDefinition Functionality

The CollateralValueReport message is sent by the system transaction administrator to a system member (such as a directly connected party) to provide further information the current available value of securities for auto collateralisation for one specific or several cash accounts.

Outline

The CollateralValueReportV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. MessageHeader

Set of elements to identify the collateral value report message.

B. ReportOrError

Report on collateral value information or operational error.

C. SupplementaryData

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

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colr.002.001.01 CollateralValueReportV01

3.2 Structure

Or	MessageElement/BuildingBlock*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Message root <Document> <CollValRpt>	[1..1]			
	MessageHeader *<MsgHdr>*	[1..1]	±		19
	ReportOrError *<RptOrErr>*	[1..1]			20
{Or	**BusinessReport** *<BizRpt>*	[1..*]			22
	CashAccount *<CshAcct>*	[1..1]	±		24
	CashAccountOwner *<CshAcctOwnr>*	[0..1]			24
	Name *<Nm>*	[0..1]	Text		24
	Identification *<Id>*	[1..1]	±		25
	ResponsiblePartyIdentification *<RspnsblPtyId>*	[0..1]	±		25
	CashAccountServicer *<CshAcctSvcr>*	[0..1]	±		25
	SecuritiesAccountOwner *<SctiesAcctOwnr>*	[0..1]	±		25
	SecuritiesAccountServicer *<SctiesAcctSvcr>*	[0..1]	±		26
	CollateralValueReport *<CollValRpt>*	[0..*]			26
{Or	**BusinessError** *<BizErr>*	[1..1]			28
	Error *<Err>*	[1..1]			28
{Or	**Code** *<Cd>*	[1..1]	CodeSet		28
Or}	**Proprietary** *<Prtry>*	[1..1]	Text		28
	Description *<Desc>*	[0..1]	Text		28
Or}	**CollateralValue** *<CollVal>*	[1..1]			28
	DataAccessTime *<DataAccsTm>*	[1..1]	DateTime		29
	TotalCollateralValuation *<TtlCollValtn>*	[0..1]	Amount	C1, C6	29
	SecuritiesAccount *<SctiesAcct>*	[0..1]	±		30
	Securities *<Scties>*	[0..*]			30
	Identification *<Id>*	[0..*]	±	C7, C8, C10, C11, C12	31
	Position *<Pos>*	[0..*]			32
	Type *<Tp>*	[1..1]	Text		33
	Quantity *<Qty>*	[1..1]			33
{Or	**Quantity** *<Qty>*	[1..1]	±		34

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Or	MessageElement/BuildingBlock<*XML Tag*>	Mult.	Type	Constr. No.	Page
Or	**Proprietary** <*Prtry*>	[1..1]			34
	Identification <*Id*>	[1..1]	Text		34
	Issuer <*Issr*>	[1..1]	Text		34
	SchemeName <*SchmeNm*>	[0..1]	Text		34
	Balance <*Bal*>	[1..1]	Quantity		34
Or}	**QuantityAndAvailability** <*QtyAndAvlbty*>	[1..1]			35
	Quantity <*Qty*>	[1..1]	±		35
	AvailabilityIndicator <*AvlbtyInd*>	[1..1]	Indicator		35
	ValuationPrice <*ValtnPric*>	[1..1]			35
	AmountPriceType <*AmtPricTp*>	[1..1]	±		36
	PriceValue <*PricVal*>	[1..1]	±		36
	FinancialInstrumentQuantity <*FinInstrmQty*>	[1..1]	±		36
	PriceFixingDate <*PricFxgDt*>	[1..1]	Date		37
	CollateralValue <*CollVal*>	[1..1]	Amount	C1, C6	37
Or}	**OperationalError** <*OprlErr*>	[1..*]			37
	Error <*Err*>	[1..1]			37
{Or	**Code** <*Cd*>	[1..1]	CodeSet		38
Or}	**Proprietary** <*Prtry*>	[1..1]	Text		38
	Description <*Desc*>	[0..1]	Text		38
	SupplementaryData <*SplmtryData*>	[0..*]	±	C13	38

3.3   Constraints

C1   ActiveCurrency

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

C2   ActiveOrHistoricCurrency

The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

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C3 **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

C4 **BICFI**

Valid BICs for financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consist of eight (8) or eleven (11) contiguous characters.

C5 **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

C6 **CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

C7 **DescriptionPresenceRule**

If Description is not present then either ISIN or at least one occurrence of OtherIdentification must be present.

C8 **DescriptionUsageRule**

Description must be used alone as the last resort.

C9 **IBAN**

A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

C10 **ISINGuideline**

When an ISIN code exists, it is strongly recommended that the ISIN be used.

C11 **ISINPresenceRule**

If ISIN is not present then either Description or at least one occurrence of OtherIdentification must be present.

C12 **OtherIdentificationPresenceRule**

If OtherIdentification is not present then either ISIN or Description must be present.

C13 **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

3.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

3.4.1 MessageHeader <MsgHdr>

Presence: [1..1]

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Definition: Set of elements to identify the collateral value report message.

MessageHeader <MsgHdr> contains the following elements (see "MessageHeader3" on page 56 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	MessageIdentification *<MsgId>*	[1..1]	Text		57
	CreationDateTime *<CreDtTm>*	[0..1]	DateTime		57
	RequestType *<ReqTp>*	[0..1]			57
{Or	PaymentControl *<PmtCtrl>*	[1..1]	CodeSet		57
Or	Enquiry *<Enqry>*	[1..1]	CodeSet		58
Or}	Proprietary *<Prtry>*	[1..1]	±		58
	OriginalBusinessQuery *<OrgnlBizQry>*	[0..1]	±		58
	QueryName *<QryNm>*	[0..1]	Text		59

3.4.2 ReportOrError <RptOrErr>

Presence: [1..1]

Definition: Report on collateral value information or operational error.

Approved by the Securities and Payments SEG under the leadership of the Securities SEG on the 19th of July 2019.

colr.002.001.01 CollateralValueReportV01

ReportOrError <RptOrErr> contains one of the following **CollateralValueReportOrError5Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	**BusinessReport** *<BizRpt>*	[1..*]			22
	CashAccount *<CshAcct>*	[1..1]	±		24
	CashAccountOwner *<CshAcctOwnr>*	[0..1]			24
	Name *<Nm>*	[0..1]	Text		24
	Identification *<Id>*	[1..1]	±		25
	ResponsiblePartyIdentification *<RspnsblPtyId>*	[0..1]	±		25
	CashAccountServicer *<CshAcctSvcr>*	[0..1]	±		25
	SecuritiesAccountOwner *<SctiesAcctOwnr>*	[0..1]	±		25
	SecuritiesAccountServicer *<SctiesAcctSvcr>*	[0..1]	±		26
	CollateralValueReport *<CollValRpt>*	[0..*]			26
{Or	**BusinessError** *<BizErr>*	[1..1]			28
	Error *<Err>*	[1..1]			28
{Or	**Code** *<Cd>*	[1..1]	CodeSet		28
Or}	**Proprietary** *<Prtry>*	[1..1]	Text		28
	Description *<Desc>*	[0..1]	Text		28
Or}	**CollateralValue** *<CollVal>*	[1..1]			28
	DataAccessTime *<DataAccsTm>*	[1..1]	DateTime		29
	TotalCollateralValuation *<TtlCollValtn>*	[0..1]	Amount	C1, C6	29
	SecuritiesAccount *<SctiesAcct>*	[0..1]	±		30
	Securities *<Scties>*	[0..*]			30
	Identification *<Id>*	[0..*]	±	C7, C8, C10, C11, C12	31
	Position *<Pos>*	[0..*]			32
	Type *<Tp>*	[1..1]	Text		33
	Quantity *<Qty>*	[1..1]			33
{Or	**Quantity** *<Qty>*	[1..1]	±		34
Or	**Proprietary** *<Prtry>*	[1..1]			34
	Identification *<Id>*	[1..1]	Text		34
	Issuer *<Issr>*	[1..1]	Text		34
	SchemeName *<SchmeNm>*	[0..1]	Text		34

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Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Balance <*Bal*>	[1..1]	Quantity		34
Or}	**QuantityAndAvailability** <*QtyAndAvlbty*>	[1..1]			35
	Quantity <*Qty*>	[1..1]	±		35
	AvailabilityIndicator <*AvlbtyInd*>	[1..1]	Indicator		35
	ValuationPrice <*ValtnPric*>	[1..1]			35
	AmountPriceType <*AmtPricTp*>	[1..1]	±		36
	PriceValue <*PricVal*>	[1..1]	±		36
	FinancialInstrumentQuantity <*FinInstrmQty*>	[1..1]	±		36
	PriceFixingDate <*PricFxgDt*>	[1..1]	Date		37
	CollateralValue <*CollVal*>	[1..1]	Amount	C1, C6	37
Or}	**OperationalError** <*OprlErr*>	[1..*]			37
	Error <*Err*>	[1..1]			37
{Or	**Code** <*Cd*>	[1..1]	CodeSet		38
Or}	**Proprietary** <*Prtry*>	[1..1]	Text		38
	Description <*Desc*>	[0..1]	Text		38

3.4.2.1 BusinessReport <BizRpt>

Presence: [1..*]

Definition: Provides information specific to the collateral value reports included in the message.

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colr.002.001.01 CollateralValueReportV01

BusinessReport <BizRpt> contains the following **CollateralValueReport3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	CashAccount <*CshAcct*>	[1..1]	±		24
	CashAccountOwner <*CshAcctOwnr*>	[0..1]			24
	Name <*Nm*>	[0..1]	Text		24
	Identification <*Id*>	[1..1]	±		25
	ResponsiblePartyIdentification <*RspnsblPtyId*>	[0..1]	±		25
	CashAccountServicer <*CshAcctSvcr*>	[0..1]	±		25
	SecuritiesAccountOwner <*SctiesAcctOwnr*>	[0..1]	±		25
	SecuritiesAccountServicer <*SctiesAcctSvcr*>	[0..1]	±		26
	CollateralValueReport <*CollValRpt*>	[0..*]			26
{Or	**BusinessError** <*BizErr*>	[1..1]			28
	Error <*Err*>	[1..1]			28
{Or	**Code** <*Cd*>	[1..1]	CodeSet		28
Or}	**Proprietary** <*Prtry*>	[1..1]	Text		28
	Description <*Desc*>	[0..1]	Text		28
Or}	**CollateralValue** <*CollVal*>	[1..1]			28
	DataAccessTime <*DataAccsTm*>	[1..1]	DateTime		29
	TotalCollateralValuation <*TtlCollValtn*>	[0..1]	Amount	C1, C6	29
	SecuritiesAccount <*SctiesAcct*>	[0..1]	±		30
	Securities <*Scties*>	[0..*]			30
	Identification <*Id*>	[0..*]	±	C7, C8, C10, C11, C12	31
	Position <*Pos*>	[0..*]			32
	Type <*Tp*>	[1..1]	Text		33
	Quantity <*Qty*>	[1..1]			33
{Or	**Quantity** <*Qty*>	[1..1]	±		34
Or	**Proprietary** <*Prtry*>	[1..1]			34
	Identification <*Id*>	[1..1]	Text		34
	Issuer <*Issr*>	[1..1]	Text		34
	SchemeName <*SchmeNm*>	[0..1]	Text		34
	Balance <*Bal*>	[1..1]	Quantity		34

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colr.002.001.01 CollateralValueReportV01

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
Or}	**QuantityAndAvailability** *<QtyAndAvlbty>*	[1..1]			35
	Quantity *<Qty>*	[1..1]	±		35
	AvailabilityIndicator *<AvlbtyInd>*	[1..1]	Indicator		35
	ValuationPrice *<ValtnPric>*	[1..1]			35
	AmountPriceType *<AmtPricTp>*	[1..1]	±		36
	PriceValue *<PricVal>*	[1..1]	±		36
	FinancialInstrumentQuantity *<FinInstrmQty>*	[1..1]	±		36
	PriceFixingDate *<PricFxgDt>*	[1..1]	Date		37
	CollateralValue *<CollVal>*	[1..1]	Amount	C1, C6	37

3.4.2.1.1 CashAccount <CshAcct>

Presence: [1..1]

Definition: Unique identification, as assigned by the account servicer, to unambiguously identify the account on which information is requested.

CashAccount <CshAcct> contains the following elements (see "CashAccount38" on page 41 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	±		41
	Type *<Tp>*	[0..1]	±		42
	Currency *<Ccy>*	[0..1]	CodeSet	C2	42
	Name *<Nm>*	[0..1]	Text		42
	Proxy *<Prxy>*	[0..1]	±		43

3.4.2.1.2 CashAccountOwner <CshAcctOwnr>

Presence: [0..1]

Definition: Party that legally owns the account.

CashAccountOwner <CshAcctOwnr> contains the following **SystemPartyIdentification11** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Name *<Nm>*	[0..1]	Text		24
	Identification *<Id>*	[1..1]	±		25
	ResponsiblePartyIdentification *<RspnsblPtyId>*	[0..1]	±		25

3.4.2.1.2.1 Name <Nm>

Presence: [0..1]

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Definition: Name by which a party is known and which is usually used to identify that party.

Datatype: "Max140Text" on page 80

3.4.2.1.2.2 Identification <Id>

Presence: [1..1]

Definition: Unique identification to unambiguously identify the party within the system.

Identification <Id> contains the following elements (see "PartyIdentification136" on page 61 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	±		61
	LEI *<LEI>*	[0..1]	IdentifierSet		61

3.4.2.1.2.3 ResponsiblePartyIdentification <RspnsblPtyId>

Presence: [0..1]

Definition: Unique identification of the party responsible for the maintenance of the party reference data.

ResponsiblePartyIdentification <RspnsblPtyId> contains the following elements (see "PartyIdentification136" on page 61 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	±		61
	LEI *<LEI>*	[0..1]	IdentifierSet		61

3.4.2.1.3 CashAccountServicer <CshAcctSvcr>

Presence: [0..1]

Definition: Party that manages the account on behalf of the account owner, that is manages the registration and booking of entries on the account, calculates balances on the account and provides information about the account.

CashAccountServicer <CshAcctSvcr> contains the following elements (see "BranchAndFinancialInstitutionIdentification6" on page 49 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FinancialInstitutionIdentification *<FinInstnId>*	[1..1]	±		49
	BranchIdentification *<BrnchId>*	[0..1]	±		50

3.4.2.1.4 SecuritiesAccountOwner <SctiesAcctOwnr>

Presence: [0..1]

Definition: Unique and unambiguous identification of the securities account owner.

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colr.002.001.01 CollateralValueReportV01

SecuritiesAccountOwner <SctiesAcctOwnr> contains the following elements (see "SystemPartyIdentification8" on page 63 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	±		63
	ResponsiblePartyIdentification <*RspnsblPtyId*>	[0..1]	±		63

3.4.2.1.5 SecuritiesAccountServicer <SctiesAcctSvcr>

Presence: [0..1]

Definition: Party that manages the securities account on behalf of the account owner.

SecuritiesAccountServicer <SctiesAcctSvcr> contains the following elements (see "PartyIdentification136" on page 61 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	±		61
	LEI <*LEI*>	[0..1]	IdentifierSet		61

3.4.2.1.6 CollateralValueReport <CollValRpt>

Presence: [0..*]

Definition: Provides information specific to the report on collateral value positions.

CollateralValueReport <CollValRpt> contains one of the following **CollateralValueReportOrError6Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	**BusinessError** <*BizErr*>	[1..1]			28
	Error <*Err*>	[1..1]			28
{Or	**Code** <*Cd*>	[1..1]	CodeSet		28
Or}	**Proprietary** <*Prtry*>	[1..1]	Text		28
	Description <*Desc*>	[0..1]	Text		28
Or}	**CollateralValue** <*CollVal*>	[1..1]			28
	DataAccessTime <*DataAccsTm*>	[1..1]	DateTime		29
	TotalCollateralValuation <*TtlCollValtn*>	[0..1]	Amount	C1, C6	29
	SecuritiesAccount <*SctiesAcct*>	[0..1]	±		30
	Securities <*Scties*>	[0..*]			30
	Identification <*Id*>	[0..*]	±	C7, C8, C10, C11, C12	31
	Position <*Pos*>	[0..*]			32
	Type <*Tp*>	[1..1]	Text		33
	Quantity <*Qty*>	[1..1]			33
{Or	**Quantity** <*Qty*>	[1..1]	±		34
Or	**Proprietary** <*Prtry*>	[1..1]			34
	Identification <*Id*>	[1..1]	Text		34
	Issuer <*Issr*>	[1..1]	Text		34
	SchemeName <*SchmeNm*>	[0..1]	Text		34
	Balance <*Bal*>	[1..1]	Quantity		34
Or}	**QuantityAndAvailability** <*QtyAndAvlbty*>	[1..1]			35
	Quantity <*Qty*>	[1..1]	±		35
	AvailabilityIndicator <*AvlbtyInd*>	[1..1]	Indicator		35
	ValuationPrice <*ValtnPric*>	[1..1]			35
	AmountPriceType <*AmtPricTp*>	[1..1]	±		36
	PriceValue <*PricVal*>	[1..1]	±		36
	FinancialInstrumentQuantity <*FinInstrmQty*>	[1..1]	±		36
	PriceFixingDate <*PricFxgDt*>	[1..1]	Date		37
	CollateralValue <*CollVal*>	[1..1]	Amount	C1, C6	37

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3.4.2.1.6.1 BusinessError <BizErr>

Presence: [1..1]

Definition: Reason the requested business information is not given.

BusinessError <BizErr> contains the following **ErrorHandling5** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Error <*Err*>	[1..1]			28
{Or	**Code** <*Cd*>	[1..1]	CodeSet		28
Or}	**Proprietary** <*Prtry*>	[1..1]	Text		28
	Description <*Desc*>	[0..1]	Text		28

3.4.2.1.6.1.1 Error <Err>

Presence: [1..1]

Definition: Specification of the error, in coded or proprietary form.

Error <Err> contains one of the following **ErrorHandling3Choice** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	**Code** <*Cd*>	[1..1]	CodeSet		28
Or}	**Proprietary** <*Prtry*>	[1..1]	Text		28

3.4.2.1.6.1.1.1 Code <Cd>

Presence: [1..1]

Definition: Specification of the error, in coded form.

Datatype: "ExternalSystemErrorHandling1Code" on page 76

3.4.2.1.6.1.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Specification of the error, in free format.

Datatype: "Max35Text" on page 81

3.4.2.1.6.1.2 Description <Desc>

Presence: [0..1]

Definition: Specification of the error, in free format.

Datatype: "Max140Text" on page 80

3.4.2.1.6.2 CollateralValue <CollVal>

Presence: [1..1]

Definition: Requested information on the value of the position for collateral purposes.

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CollateralValue <CollVal> contains the following **CollateralValuePosition3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DataAccessTime <*DataAccsTm*>	[1..1]	DateTime		29
	TotalCollateralValuation <*TtlCollValtn*>	[0..1]	Amount	C1, C6	29
	SecuritiesAccount <*SctiesAcct*>	[0..1]	±		30
	Securities <*Scties*>	[0..*]			30
	Identification <*Id*>	[0..*]	±	C7, C8, C10, C11, C12	31
	Position <*Pos*>	[0..*]			32
	Type <*Tp*>	[1..1]	Text		33
	Quantity <*Qty*>	[1..1]			33
{Or	**Quantity** <*Qty*>	[1..1]	±		34
Or	**Proprietary** <*Prtry*>	[1..1]			34
	Identification <*Id*>	[1..1]	Text		34
	Issuer <*Issr*>	[1..1]	Text		34
	SchemeName <*SchmeNm*>	[0..1]	Text		34
	Balance <*Bal*>	[1..1]	Quantity		34
Or}	**QuantityAndAvailability** <*QtyAndAvlbty*>	[1..1]			35
	Quantity <*Qty*>	[1..1]	±		35
	AvailabilityIndicator <*AvlbtyInd*>	[1..1]	Indicator		35
	ValuationPrice <*ValtnPric*>	[1..1]			35
	AmountPriceType <*AmtPricTp*>	[1..1]	±		36
	PriceValue <*PricVal*>	[1..1]	±		36
	FinancialInstrumentQuantity <*FinInstrmQty*>	[1..1]	±		36
	PriceFixingDate <*PricFxgDt*>	[1..1]	Date		37
	CollateralValue <*CollVal*>	[1..1]	Amount	C1, C6	37

3.4.2.1.6.2.1 DataAccessTime <DataAccsTm>

Presence: [1..1]

Definition: Date and time when the data was last accessed.

Datatype: "ISODateTime" on page 77

3.4.2.1.6.2.2 TotalCollateralValuation <TtlCollValtn>

Presence: [0..1]

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colr.002.001.01 CollateralValueReportV01

Definition: Total value of the collateral valuation.

Impacted by: C1 "ActiveCurrency", C6 "CurrencyAmount"

Datatype: "ActiveCurrencyAndAmount" on page 71

Constraints

• **ActiveCurrency**

The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

• **CurrencyAmount**

The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

Note: The decimal separator is a dot.

3.4.2.1.6.2.3 SecuritiesAccount <SctiesAcct>

Presence: [0..1]

Definition: Unique identification, as assigned by the account servicer, to unambiguously identify the securities account.

SecuritiesAccount <SctiesAcct> contains the following elements (see "SecuritiesAccount19" on page 43 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		43
	Type *<Tp>*	[0..1]	±		43
	Name *<Nm>*	[0..1]	Text		43

3.4.2.1.6.2.4 Securities <Scties>

Presence: [0..*]

Definition: Unique identification, as known by the account owner, to unambiguously identify the securities on which the collateral value position is requested.

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Securities SEG on the 19th of July 2019.

colr.002.001.01 CollateralValueReportV01

Securities <Scties> contains the following **SecurityCharacteristics3** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[0..*]	±	C7, C8, C10, C11, C12	31
	Position <*Pos*>	[0..*]			32
	Type <*Tp*>	[1..1]	Text		33
	Quantity <*Qty*>	[1..1]			33
{Or	**Quantity** <*Qty*>	[1..1]	±		34
Or	**Proprietary** <*Prtry*>	[1..1]			34
	Identification <*Id*>	[1..1]	Text		34
	Issuer <*Issr*>	[1..1]	Text		34
	SchemeName <*SchmeNm*>	[0..1]	Text		34
	Balance <*Bal*>	[1..1]	Quantity		34
Or}	**QuantityAndAvailability** <*QtyAndAvlbty*>	[1..1]			35
	Quantity <*Qty*>	[1..1]	±		35
	AvailabilityIndicator <*AvlbtyInd*>	[1..1]	Indicator		35
	ValuationPrice <*ValtnPric*>	[1..1]			35
	AmountPriceType <*AmtPricTp*>	[1..1]	±		36
	PriceValue <*PricVal*>	[1..1]	±		36
	FinancialInstrumentQuantity <*FinInstrmQty*>	[1..1]	±		36
	PriceFixingDate <*PricFxgDt*>	[1..1]	Date		37
	CollateralValue <*CollVal*>	[1..1]	Amount	C1, C6	37

3.4.2.1.6.2.4.1 Identification <Id>

Presence: [0..*]

Definition: Unique identification, as known by the account owner, to unambiguously identify the security.

Impacted by: C7 "DescriptionPresenceRule", C8 "DescriptionUsageRule", C10 "ISINGuideline", C11 "ISINPresenceRule", C12 "OtherIdentificationPresenceRule"

Approved by the Securities and Payments SEG under the leadership of the Securities SEG on the 19th of July 2019.

colr.002.001.01 CollateralValueReportV01

Identification <Id> contains the following elements (see "SecurityIdentification19" on page 51 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ISIN </ISIN>	[0..1]	IdentifierSet		52
	OtherIdentification <OthrId>	[0..*]			52
	Identification <Id>	[1..1]	Text		53
	Suffix <Sfx>	[0..1]	Text		53
	Type <Tp>	[1..1]	±		53
	Description <Desc>	[0..1]	Text		53

Constraints

- **DescriptionPresenceRule**

  If Description is not present then either ISIN or at least one occurrence of OtherIdentification must be present.

  ```
  On Condition
      /Description is absent
  Following Must be True
      /ISIN Must be present
   Or    /OtherIdentification[*] Must be present
  ```

- **DescriptionUsageRule**

  Description must be used alone as the last resort.

- **ISINGuideline**

  When an ISIN code exists, it is strongly recommended that the ISIN be used.

- **ISINPresenceRule**

  If ISIN is not present then either Description or at least one occurrence of OtherIdentification must be present.

  ```
  On Condition
      /ISIN is absent
  Following Must be True
      /OtherIdentification[*] Must be present
   Or    /Description Must be present
  ```

- **OtherIdentificationPresenceRule**

  If OtherIdentification is not present then either ISIN or Description must be present.

  ```
  On Condition
      /OtherIdentification[*] is absent
  Following Must be True
      /ISIN Must be present
   Or    /Description Must be present
  ```

3.4.2.1.6.2.4.2 Position <Pos>

Presence: [0..*]

Definition: Specifies the position for the security.

Approved by the Securities and Payments SEG under the leadership of the Securities SEG on the 19th of July 2019.

colr.002.001.01 CollateralValueReportV01

Position **<Pos>** contains the following **SecuritiesPosition1** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Type *<Tp>*	[1..1]	Text		33
	Quantity *<Qty>*	[1..1]			33
{Or	**Quantity** *<Qty>*	[1..1]	±		34
Or	**Proprietary** *<Prtry>*	[1..1]			34
	Identification *<Id>*	[1..1]	Text		34
	Issuer *<Issr>*	[1..1]	Text		34
	SchemeName *<SchmeNm>*	[0..1]	Text		34
	Balance *<Bal>*	[1..1]	Quantity		34
Or}	**QuantityAndAvailability** *<QtyAndAvlbty>*	[1..1]			35
	Quantity *<Qty>*	[1..1]	±		35
	AvailabilityIndicator *<AvlbtyInd>*	[1..1]	Indicator		35

3.4.2.1.6.2.4.2.1 Type <Tp>

Presence: [1..1]

Definition: Specifies the type of a position or a balance, such as earmarked or delivered.

Datatype: "Max4AlphaNumericText" on page 82

3.4.2.1.6.2.4.2.2 Quantity <Qty>

Presence: [1..1]

Definition: Specifies the quantity of a position or a balance.

Quantity <Qty> contains one of the following **SubBalanceQuantity2Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	**Quantity** *<Qty>*	[1..1]	±		34
Or	**Proprietary** *<Prtry>*	[1..1]			34
	Identification *<Id>*	[1..1]	Text		34
	Issuer *<Issr>*	[1..1]	Text		34
	SchemeName *<SchmeNm>*	[0..1]	Text		34
	Balance *<Bal>*	[1..1]	Quantity		34
Or}	**QuantityAndAvailability** *<QtyAndAvlbty>*	[1..1]			35
	Quantity *<Qty>*	[1..1]	±		35
	AvailabilityIndicator *<AvlbtyInd>*	[1..1]	Indicator		35

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colr.002.001.01 CollateralValueReportV01

3.4.2.1.6.2.4.2.2.1 Quantity <Qty>

Presence: [1..1]

Definition: Quantity of securities in the sub-balance.

Quantity <Qty> contains one of the following elements (see "FinancialInstrumentQuantity1Choice" on page 53 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	Unit <*Unit*>	[1..1]	Quantity		54
Or	FaceAmount <*FaceAmt*>	[1..1]	Amount		54
Or}	AmortisedValue <*AmtsdVal*>	[1..1]	Amount		54

3.4.2.1.6.2.4.2.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Quantity of securities in the sub-balance.

Proprietary <Prtry> contains the following **GenericIdentification15** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		34
	Issuer <*Issr*>	[1..1]	Text		34
	SchemeName <*SchmeNm*>	[0..1]	Text		34
	Balance <*Bal*>	[1..1]	Quantity		34

3.4.2.1.6.2.4.2.2.2.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max4AlphaNumericText" on page 82

3.4.2.1.6.2.4.2.2.2.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 81

3.4.2.1.6.2.4.2.2.2.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

Datatype: "Max35Text" on page 81

3.4.2.1.6.2.4.2.2.2.4 Balance <Bal>

Presence: [1..1]

Definition: Value of the balance.

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colr.002.001.01 CollateralValueReportV01

Datatype: "Number" on page 80

3.4.2.1.6.2.4.2.2.3 QuantityAndAvailability <QtyAndAvlbty>

Presence: [1..1]

Definition: Quantity of securities in the sub-balance and whether the balance is available.

QuantityAndAvailability <QtyAndAvlbty> contains the following **QuantityAndAvailability1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Quantity <*Qty*>	[1..1]	±		35
	AvailabilityIndicator <*AvlbtyInd*>	[1..1]	Indicator		35

3.4.2.1.6.2.4.2.2.3.1 Quantity <Qty>

Presence: [1..1]

Definition: Quantity of securities in the sub-balance.

Quantity <Qty> contains one of the following elements (see "FinancialInstrumentQuantity1Choice" on page 53 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	Unit <*Unit*>	[1..1]	Quantity		54
Or	FaceAmount <*FaceAmt*>	[1..1]	Amount		54
Or}	AmortisedValue <*AmtsdVal*>	[1..1]	Amount		54

3.4.2.1.6.2.4.2.2.3.2 AvailabilityIndicator <AvlbtyInd>

Presence: [1..1]

Definition: Indicates whether the quantity of securities on the sub-balance is available.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 79):

- *Meaning When True:* Yes

- *Meaning When False:* No

3.4.2.1.6.2.4.3 ValuationPrice <ValtnPric>

Presence: [1..1]

Definition: Specifies the price of the security for valuation purposes.

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colr.002.001.01 CollateralValueReportV01

ValuationPrice <ValtnPric> contains the following **AmountPricePerFinancialInstrumentQuantity9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountPriceType <AmtPricTp>	[1..1]	±		36
	PriceValue <PricVal>	[1..1]	±		36
	FinancialInstrumentQuantity <FinInstrmQty>	[1..1]	±		36
	PriceFixingDate <PricFxgDt>	[1..1]	Date		37

3.4.2.1.6.2.4.3.1 AmountPriceType <AmtPricTp>

Presence: [1..1]

Definition: Type of amount price.

AmountPriceType <AmtPricTp> contains one of the following elements (see "YieldedOrValueType1Choice" on page 59 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Yielded <Yldd>	[1..1]	Indicator		60
Or}	ValueType <ValTp>	[1..1]	CodeSet		60

3.4.2.1.6.2.4.3.2 PriceValue <PricVal>

Presence: [1..1]

Definition: Value given to a price.

PriceValue <PricVal> contains one of the following elements (see "PriceRateOrAmount3Choice" on page 70 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Rate <Rate>	[1..1]	Rate		70
Or}	Amount <Amt>	[1..1]	Amount	C2	70

3.4.2.1.6.2.4.3.3 FinancialInstrumentQuantity <FinInstrmQty>

Presence: [1..1]

Definition: Quantity of financial instrument.

FinancialInstrumentQuantity <FinInstrmQty> contains one of the following elements (see "FinancialInstrumentQuantity1Choice" on page 53 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Unit <Unit>	[1..1]	Quantity		54
Or	FaceAmount <FaceAmt>	[1..1]	Amount		54
Or}	AmortisedValue <AmtsdVal>	[1..1]	Amount		54

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Securities SEG on the 19th of July 2019.

colr.002.001.01 CollateralValueReportV01

3.4.2.1.6.2.4.3.4 PriceFixingDate <PricFxgDt>

Presence: [1..1]

Definition: Date at which the actual price for a financial instrument is fixed.

Datatype: "ISODate" on page 77

3.4.2.1.6.2.4.4 CollateralValue <CollVal>

Presence: [1..1]

Definition: Specifies the value of the security for collateral purposes.

Impacted by: C1 "ActiveCurrency", C6 "CurrencyAmount"

Datatype: "ActiveCurrencyAndAmount" on page 71

Constraints

- **ActiveCurrency**

  The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

- **CurrencyAmount**

  The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

  Note: The decimal separator is a dot.

3.4.2.2 OperationalError <OprlErr>

Presence: [1..*]

Definition: Indicates whether an operational error has been issued during the processing of the related request.

OperationalError <OprlErr> contains the following **ErrorHandling5** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Error *<Err>*	[1..1]			37
{Or	**Code** *<Cd>*	[1..1]	CodeSet		38
Or}	**Proprietary** *<Prtry>*	[1..1]	Text		38
	Description *<Desc>*	[0..1]	Text		38

3.4.2.2.1 Error <Err>

Presence: [1..1]

Definition: Specification of the error, in coded or proprietary form.

Approved by the Securities and Payments SEG under the leadership of the Securities SEG on the 19th of July 2019.

colr.002.001.01 CollateralValueReportV01

Error <Err> contains one of the following **ErrorHandling3Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	**Code** *<Cd>*	[1..1]	CodeSet		38
Or}	**Proprietary** *<Prtry>*	[1..1]	Text		38

3.4.2.2.1.1 Code <Cd>

Presence: [1..1]

Definition: Specification of the error, in coded form.

Datatype: "ExternalSystemErrorHandling1Code" on page 76

3.4.2.2.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Specification of the error, in free format.

Datatype: "Max35Text" on page 81

3.4.2.2.2 Description <Desc>

Presence: [0..1]

Definition: Specification of the error, in free format.

Datatype: "Max140Text" on page 80

3.4.3 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C13 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 60 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	PlaceAndName *<PlcAndNm>*	[0..1]	Text		60
	Envelope *<Envlp>*	[1..1]	(External Schema)		61

Constraints

• **SupplementaryDataRule**

This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

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Securities SEG on the 19th of July 2019.

Message Items Types

4 Message Items Types

4.1 MessageComponents

4.1.1 Account

4.1.1.1 CashAccountType2Choice

Definition: Nature or use of the account.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Code *<Cd>*	[1..1]	CodeSet		39
Or}	Proprietary *<Prtry>*	[1..1]	Text		39

4.1.1.1.1 Code <Cd>

Presence: [1..1]

Definition: Account type, in a coded form.

Datatype: "ExternalCashAccountType1Code" on page 74

4.1.1.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Nature or use of the account in a proprietary form.

Datatype: "Max35Text" on page 81

4.1.1.2 GenericAccountIdentification1

Definition: Information related to a generic account identification.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		39
	SchemeName *<SchmeNm>*	[0..1]			40
{Or	Code *<Cd>*	[1..1]	CodeSet		40
Or}	Proprietary *<Prtry>*	[1..1]	Text		40
	Issuer *<Issr>*	[0..1]	Text		40

4.1.1.2.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max34Text" on page 81

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Securities SEG on the 19th of July 2019.

Message Items Types

4.1.1.2.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

SchemeName <SchmeNm> contains one of the following **AccountSchemeName1Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Code *<Cd>*	[1..1]	CodeSet		40
Or}	Proprietary *<Prtry>*	[1..1]	Text		40

4.1.1.2.2.1 Code <Cd>

Presence: [1..1]

Definition: Name of the identification scheme, in a coded form as published in an external list.

Datatype: "ExternalAccountIdentification1Code" on page 74

4.1.1.2.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 81

4.1.1.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 81

4.1.1.3 ProxyAccountIdentification1

Definition: Information related to a proxy identification of the account.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Type *<Tp>*	[0..1]			40
{Or	Code *<Cd>*	[1..1]	CodeSet		41
Or}	Proprietary *<Prtry>*	[1..1]	Text		41
	Identification *<Id>*	[1..1]	Text		41

4.1.1.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of the proxy identification.

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Securities SEG on the 19th of July 2019.

Message Items Types

Type <Tp> contains one of the following **ProxyAccountType1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		41
Or}	Proprietary <Prtry>	[1..1]	Text		41

4.1.1.3.1.1 Code <Cd>

Presence: [1..1]

Definition: Name of the identification scheme, in a coded form as published in an external list.

Datatype: "ExternalProxyAccountType1Code" on page 75

4.1.1.3.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 81

4.1.1.3.2 Identification <Id>

Presence: [1..1]

Definition: Identification used to indicate the account identification under another specified name.

Datatype: "Max2048Text" on page 81

4.1.1.4 CashAccount38

Definition: Provides the details to identify an account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		41
	Type <Tp>	[0..1]	±		42
	Currency <Ccy>	[0..1]	CodeSet	C2	42
	Name <Nm>	[0..1]	Text		42
	Proxy <Prxy>	[0..1]	±		43

4.1.1.4.1 Identification <Id>

Presence: [1..1]

Definition: Unique and unambiguous identification for the account between the account owner and the account servicer.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Identification <Id> contains one of the following elements (see "AccountIdentification4Choice" on page 44 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IBAN <IBAN>	[1..1]	IdentifierSet	C9	44
Or}	Other <Othr>	[1..1]	±		44

4.1.1.4.2 Type <Tp>

Presence: [0..1]

Definition: Specifies the nature, or use of the account.

Type <Tp> contains one of the following elements (see "CashAccountType2Choice" on page 39 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Code <Cd>	[1..1]	CodeSet		39
Or}	Proprietary <Prtry>	[1..1]	Text		39

4.1.1.4.3 Currency <Ccy>

Presence: [0..1]

Definition: Identification of the currency in which the account is held.

Usage: Currency should only be used in case one and the same account number covers several currencies

and the initiating party needs to identify which currency needs to be used for settlement on the account.

Impacted by: C2 "ActiveOrHistoricCurrency"

Datatype: "ActiveOrHistoricCurrencyCode" on page 73

Constraints

- **ActiveOrHistoricCurrency**

  The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

4.1.1.4.4 Name <Nm>

Presence: [0..1]

Definition: Name of the account, as assigned by the account servicing institution, in agreement with the account owner in order to provide an additional means of identification of the account.

Usage: The account name is different from the account owner name. The account name is used in certain user communities to provide a means of identifying the account, in addition to the account owner's identity and the account number.

Datatype: "Max70Text" on page 82

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

4.1.1.4.5 Proxy <Prxy>

Presence: [0..1]

Definition: Specifies an alternate assumed name for the identification of the account.

Proxy <Prxy> contains the following elements (see "ProxyAccountIdentification1" on page 40 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Type <*Tp*>	[0..1]			40
{Or	Code <*Cd*>	[1..1]	CodeSet		41
Or}	Proprietary <*Prtry*>	[1..1]	Text		41
	Identification <*Id*>	[1..1]	Text		41

4.1.1.5 SecuritiesAccount19

Definition: Account to or from which a securities entry is made.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		43
	Type <*Tp*>	[0..1]	±		43
	Name <*Nm*>	[0..1]	Text		43

4.1.1.5.1 Identification <Id>

Presence: [1..1]

Definition: Unambiguous identification for the account between the account owner and the account servicer.

Datatype: "Max35Text" on page 81

4.1.1.5.2 Type <Tp>

Presence: [0..1]

Definition: Specifies the type of securities account.

Type <Tp> contains the following elements (see "GenericIdentification30" on page 55 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		55
	Issuer <*Issr*>	[1..1]	Text		55
	SchemeName <*SchmeNm*>	[0..1]	Text		55

4.1.1.5.3 Name <Nm>

Presence: [0..1]

Definition: Description of the account.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Datatype: "Max70Text" on page 82

4.1.2 Account Identification

4.1.2.1 AccountIdentification4Choice

Definition: Specifies the unique identification of an account as assigned by the account servicer.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	IBAN *<IBAN>*	[1..1]	IdentifierSet	C9	44
Or}	Other *<Othr>*	[1..1]	±		44

4.1.2.1.1 IBAN <IBAN>

Presence: [1..1]

Definition: International Bank Account Number (IBAN) - identifier used internationally by financial institutions to uniquely identify the account of a customer. Further specifications of the format and content of the IBAN can be found in the standard ISO 13616 "Banking and related financial services - International Bank Account Number (IBAN)" version 1997-10-01, or later revisions.

Impacted by: C9 "IBAN"

Datatype: "IBAN2007Identifier" on page 78

Constraints

- **IBAN**

    A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

4.1.2.1.2 Other <Othr>

Presence: [1..1]

Definition: Unique identification of an account, as assigned by the account servicer, using an identification scheme.

Other <Othr> contains the following elements (see "GenericAccountIdentification1" on page 39 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		39
	SchemeName *<SchmeNm>*	[0..1]			40
{Or	Code *<Cd>*	[1..1]	CodeSet		40
Or}	Proprietary *<Prtry>*	[1..1]	Text		40
	Issuer *<Issr>*	[0..1]	Text		40

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Securities SEG on the 19th of July 2019.

Message Items Types

4.1.3　　Financial Institution Identification

4.1.3.1 ClearingSystemMemberIdentification2

Definition: Unique identification, as assigned by a clearing system, to unambiguously identify a member of the clearing system.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	ClearingSystemIdentification *<ClrSysId>*	[0..1]	±		45
	MemberIdentification *<MmbId>*	[1..1]	Text		45

4.1.3.1.1 ClearingSystemIdentification <ClrSysId>

Presence: [0..1]

Definition: Specification of a pre-agreed offering between clearing agents or the channel through which the payment instruction is processed.

ClearingSystemIdentification <ClrSysId> contains one of the following elements (see "ClearingSystemIdentification2Choice" on page 71 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Code *<Cd>*	[1..1]	CodeSet		71
Or}	Proprietary *<Prtry>*	[1..1]	Text		71

4.1.3.1.2 MemberIdentification <MmbId>

Presence: [1..1]

Definition: Identification of a member of a clearing system.

Datatype: "Max35Text" on page 81

4.1.3.2 FinancialInstitutionIdentification18

Definition: Specifies the details to identify a financial institution.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	BICFI *<BICFI>*	[0..1]	IdentifierSet	C4	45
	ClearingSystemMemberIdentification *<ClrSysMmbId>*	[0..1]	±		46
	LEI *<LEI>*	[0..1]	IdentifierSet		46
	Name *<Nm>*	[0..1]	Text		46
	PostalAddress *<PstlAdr>*	[0..1]	±		46
	Other *<Othr>*	[0..1]	±		47

4.1.3.2.1 BICFI <BICFI>

Presence: [0..1]

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Definition: Code allocated to a financial institution by the ISO 9362 Registration Authority as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C4 "BICFI"

Datatype: "BICFIDec2014Identifier" on page 78

Constraints

- **BICFI**

  Valid BICs for financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consist of eight (8) or eleven (11) contiguous characters.

4.1.3.2.2 ClearingSystemMemberIdentification <ClrSysMmbId>

Presence: [0..1]

Definition: Information used to identify a member within a clearing system.

ClearingSystemMemberIdentification <ClrSysMmbId> contains the following elements (see "ClearingSystemMemberIdentification2" on page 45 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	ClearingSystemIdentification *<ClrSysId>*	[0..1]	±		45
	MemberIdentification *<MmbId>*	[1..1]	Text		45

4.1.3.2.3 LEI <LEI>

Presence: [0..1]

Definition: Legal entity identifier of the financial institution.

Datatype: "LEIIdentifier" on page 79

4.1.3.2.4 Name <Nm>

Presence: [0..1]

Definition: Name by which an agent is known and which is usually used to identify that agent.

Datatype: "Max140Text" on page 80

4.1.3.2.5 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Information that locates and identifies a specific address, as defined by postal services.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

PostalAddress <PstlAdr> contains the following elements (see "PostalAddress24" on page 64 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]			65
{Or	Code <Cd>	[1..1]	CodeSet		65
Or}	Proprietary <Prtry>	[1..1]	±		66
	Department <Dept>	[0..1]	Text		66
	SubDepartment <SubDept>	[0..1]	Text		66
	StreetName <StrtNm>	[0..1]	Text		66
	BuildingNumber <BldgNb>	[0..1]	Text		66
	BuildingName <BldgNm>	[0..1]	Text		67
	Floor <Flr>	[0..1]	Text		67
	PostBox <PstBx>	[0..1]	Text		67
	Room <Room>	[0..1]	Text		67
	PostCode <PstCd>	[0..1]	Text		67
	TownName <TwnNm>	[0..1]	Text		67
	TownLocationName <TwnLctnNm>	[0..1]	Text		67
	DistrictName <DstrctNm>	[0..1]	Text		67
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		68
	Country <Ctry>	[0..1]	CodeSet	C5	68
	AddressLine <AdrLine>	[0..7]	Text		68

4.1.3.2.6 Other <Othr>

Presence: [0..1]

Definition: Unique identification of an agent, as assigned by an institution, using an identification scheme.

Other <Othr> contains the following elements (see "GenericFinancialIdentification1" on page 50 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		50
	SchemeName <SchmeNm>	[0..1]			51
{Or	Code <Cd>	[1..1]	CodeSet		51
Or}	Proprietary <Prtry>	[1..1]	Text		51
	Issuer <Issr>	[0..1]	Text		51

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

4.1.3.3 BranchData3

Definition: Information that locates and identifies a specific branch of a financial institution.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[0..1]	Text		48
	LEI *<LEI>*	[0..1]	IdentifierSet		48
	Name *<Nm>*	[0..1]	Text		48
	PostalAddress *<PstlAdr>*	[0..1]	±		48

4.1.3.3.1 Identification <Id>

Presence: [0..1]

Definition: Unique and unambiguous identification of a branch of a financial institution.

Datatype: "Max35Text" on page 81

4.1.3.3.2 LEI <LEI>

Presence: [0..1]

Definition: Legal entity identification for the branch of the financial institution.

Datatype: "LEIIdentifier" on page 79

4.1.3.3.3 Name <Nm>

Presence: [0..1]

Definition: Name by which an agent is known and which is usually used to identify that agent.

Datatype: "Max140Text" on page 80

4.1.3.3.4 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Information that locates and identifies a specific address, as defined by postal services.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

PostalAddress <PstlAdr> contains the following elements (see <u>"PostalAddress24" on page 64</u> for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]			65
{Or	Code <*Cd*>	[1..1]	CodeSet		65
Or}	Proprietary <*Prtry*>	[1..1]	±		66
	Department <*Dept*>	[0..1]	Text		66
	SubDepartment <*SubDept*>	[0..1]	Text		66
	StreetName <*StrtNm*>	[0..1]	Text		66
	BuildingNumber <*BldgNb*>	[0..1]	Text		66
	BuildingName <*BldgNm*>	[0..1]	Text		67
	Floor <*Flr*>	[0..1]	Text		67
	PostBox <*PstBx*>	[0..1]	Text		67
	Room <*Room*>	[0..1]	Text		67
	PostCode <*PstCd*>	[0..1]	Text		67
	TownName <*TwnNm*>	[0..1]	Text		67
	TownLocationName <*TwnLctnNm*>	[0..1]	Text		67
	DistrictName <*DstrctNm*>	[0..1]	Text		67
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		68
	Country <*Ctry*>	[0..1]	CodeSet	C5	68
	AddressLine <*AdrLine*>	[0..7]	Text		68

4.1.3.4 BranchAndFinancialInstitutionIdentification6

Definition: Unique and unambiguous identification of a financial institution or a branch of a financial institution.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	FinancialInstitutionIdentification <*FinInstnId*>	[1..1]	±		49
	BranchIdentification <*BrnchId*>	[0..1]	±		50

4.1.3.4.1 FinancialInstitutionIdentification <FinInstnId>

Presence: [1..1]

Definition: Unique and unambiguous identification of a financial institution, as assigned under an internationally recognised or proprietary identification scheme.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

FinancialInstitutionIdentification <FinInstId> contains the following elements (see
"FinancialInstitutionIdentification18" on page 45 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BICFI <BICFI>	[0..1]	IdentifierSet	C4	45
	ClearingSystemMemberIdentification <ClrSysMmbId>	[0..1]	±		46
	LEI <LEI>	[0..1]	IdentifierSet		46
	Name <Nm>	[0..1]	Text		46
	PostalAddress <PstlAdr>	[0..1]	±		46
	Other <Othr>	[0..1]	±		47

4.1.3.4.2 BranchIdentification <BrnchId>

Presence: [0..1]

Definition: Identifies a specific branch of a financial institution.

Usage: This component should be used in case the identification information in the financial institution
component does not provide identification up to branch level.

BranchIdentification <BrnchId> contains the following elements (see "BranchData3" on page 48 for
details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		48
	LEI <LEI>	[0..1]	IdentifierSet		48
	Name <Nm>	[0..1]	Text		48
	PostalAddress <PstlAdr>	[0..1]	±		48

4.1.3.5 GenericFinancialIdentification1

Definition: Information related to an identification of a financial institution.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		50
	SchemeName <SchmeNm>	[0..1]			51
{Or	Code <Cd>	[1..1]	CodeSet		51
Or}	Proprietary <Prtry>	[1..1]	Text		51
	Issuer <Issr>	[0..1]	Text		51

4.1.3.5.1 Identification <Id>

Presence: [1..1]

Definition: Unique and unambiguous identification of a person.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Datatype: "Max35Text" on page 81

4.1.3.5.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

SchemeName <SchmeNm> contains one of the following
FinancialIdentificationSchemeName1Choice elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Code *<Cd>*	[1..1]	CodeSet		51
Or}	Proprietary *<Prtry>*	[1..1]	Text		51

4.1.3.5.2.1 Code <Cd>

Presence: [1..1]

Definition: Name of the identification scheme, in a coded form as published in an external list.

Datatype: "ExternalFinancialInstitutionIdentification1Code" on page 75

4.1.3.5.2.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Name of the identification scheme, in a free text form.

Datatype: "Max35Text" on page 81

4.1.3.5.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 81

4.1.4 Financial Instrument

4.1.4.1 SecurityIdentification19

Definition: Identification of a security.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	ISIN *<ISIN>*	[0..1]	IdentifierSet		52
	OtherIdentification *<OthrId>*	[0..*]			52
	Identification *<Id>*	[1..1]	Text		53
	Suffix *<Sfx>*	[0..1]	Text		53
	Type *<Tp>*	[1..1]	±		53
	Description *<Desc>*	[0..1]	Text		53

Constraints

- **DescriptionPresenceRule**

  If Description is not present then either ISIN or at least one occurrence of OtherIdentification must be present.

  ```
  On Condition
      /Description is absent
  Following Must be True
      /ISIN Must be present
   Or    /OtherIdentification[*] Must be present
  ```

- **DescriptionUsageRule**

  Description must be used alone as the last resort.

- **ISINGuideline**

  When an ISIN code exists, it is strongly recommended that the ISIN be used.

- **ISINPresenceRule**

  If ISIN is not present then either Description or at least one occurrence of OtherIdentification must be present.

  ```
  On Condition
      /ISIN is absent
  Following Must be True
      /OtherIdentification[*] Must be present
   Or    /Description Must be present
  ```

- **OtherIdentificationPresenceRule**

  If OtherIdentification is not present then either ISIN or Description must be present.

  ```
  On Condition
      /OtherIdentification[*] is absent
  Following Must be True
      /ISIN Must be present
   Or    /Description Must be present
  ```

4.1.4.1.1 ISIN <ISIN>

Presence: [0..1]

Definition: International Securities Identification Number (ISIN). A numbering system designed by the United Nation's International Organisation for Standardisation (ISO). The ISIN is composed of a 2-character prefix representing the country of issue, followed by the national security number (if one exists), and a check digit. Each country has a national numbering agency that assigns ISIN numbers for securities in that country.

Datatype: "ISINOct2015Identifier" on page 79

4.1.4.1.2 OtherIdentification <OthrId>

Presence: [0..*]

Definition: Identification of a security by proprietary or domestic identification scheme.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

OtherIdentification <OthrId> contains the following **OtherIdentification1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		53
	Suffix <*Sfx*>	[0..1]	Text		53
	Type <*Tp*>	[1..1]	±		53

4.1.4.1.2.1 Identification <Id>

Presence: [1..1]

Definition: Identification of a security.

Datatype: "Max35Text" on page 81

4.1.4.1.2.2 Suffix <Sfx>

Presence: [0..1]

Definition: Identifies the suffix of the security identification.

Datatype: "Max16Text" on page 81

4.1.4.1.2.3 Type <Tp>

Presence: [1..1]

Definition: Type of the identification.

Type <Tp> contains one of the following elements (see "IdentificationSource3Choice" on page 56 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	Code <*Cd*>	[1..1]	CodeSet		56
Or}	Proprietary <*Prtry*>	[1..1]	Text		56

4.1.4.1.3 Description <Desc>

Presence: [0..1]

Definition: Textual description of a security instrument.

Datatype: "Max140Text" on page 80

4.1.5   Financial Instrument Quantity

4.1.5.1 FinancialInstrumentQuantity1Choice

Definition: Choice between formats for the quantity of security.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Unit *<Unit>*	[1..1]	Quantity		54
Or	FaceAmount *<FaceAmt>*	[1..1]	Amount		54
Or}	AmortisedValue *<AmtsdVal>*	[1..1]	Amount		54

4.1.5.1.1 Unit <Unit>

Presence: [1..1]

Definition: Quantity expressed as a number, for example, a number of shares.

Datatype: "DecimalNumber" on page 80

4.1.5.1.2 FaceAmount <FaceAmt>

Presence: [1..1]

Definition: Quantity expressed as an amount representing the face amount, that is, the principal, of a debt instrument.

Datatype: "ImpliedCurrencyAndAmount" on page 72

4.1.5.1.3 AmortisedValue <AmtsdVal>

Presence: [1..1]

Definition: Quantity expressed as an amount representing the current amortised face amount of a bond, for example, a periodic reduction/increase of a bond's principal amount.

Datatype: "ImpliedCurrencyAndAmount" on page 72

4.1.6   Identification Information

4.1.6.1 GenericIdentification1

Definition: Information related to an identification, for example party identification or account identification.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		54
	SchemeName *<SchmeNm>*	[0..1]	Text		54
	Issuer *<Issr>*	[0..1]	Text		55

4.1.6.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max35Text" on page 81

4.1.6.1.2 SchemeName <SchmeNm>

Presence: [0..1]

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Definition: Name of the identification scheme.

Datatype: "Max35Text" on page 81

4.1.6.1.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 81

4.1.6.2 GenericIdentification30

Definition: Information related to an identification, for example, party identification or account identification.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		55
	Issuer *<Issr>*	[1..1]	Text		55
	SchemeName *<SchmeNm>*	[0..1]	Text		55

4.1.6.2.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Exact4AlphaNumericText" on page 80

4.1.6.2.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 81

4.1.6.2.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 81

4.1.6.3 GenericIdentification36

Definition: Identification using a proprietary scheme.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		56
	Issuer *<Issr>*	[1..1]	Text		56
	SchemeName *<SchmeNm>*	[0..1]	Text		56

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

4.1.6.3.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 81

4.1.6.3.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 81

4.1.6.3.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 81

4.1.6.4 IdentificationSource3Choice

Definition: Choice between source of identification of a financial instrument.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
{Or	Code <*Cd*>	[1..1]	CodeSet		56
Or}	Proprietary <*Prtry*>	[1..1]	Text		56

4.1.6.4.1 Code <Cd>

Presence: [1..1]

Definition: Unique and unambiguous identification source, as assigned via a pre-determined code list.

Datatype: "ExternalFinancialInstrumentIdentificationType1Code" on page 75

4.1.6.4.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Unique and unambiguous identification source using a proprietary identification scheme.

Datatype: "Max35Text" on page 81

4.1.7　　Miscellaneous

4.1.7.1 MessageHeader3

Definition: Set of characteristics, such as the identification or the creation date and time, specific to the message.

Approved by the Securities and Payments SEG under the leadership of the Securities SEG on the 19th of July 2019.

Message Items Types

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	MessageIdentification *<MsgId>*	[1..1]	Text		57
	CreationDateTime *<CreDtTm>*	[0..1]	DateTime		57
	RequestType *<ReqTp>*	[0..1]			57
{Or	PaymentControl *<PmtCtrl>*	[1..1]	CodeSet		57
Or	Enquiry *<Enqry>*	[1..1]	CodeSet		58
Or}	Proprietary *<Prtry>*	[1..1]	±		58
	OriginalBusinessQuery *<OrgnlBizQry>*	[0..1]	±		58
	QueryName *<QryNm>*	[0..1]	Text		59

4.1.7.1.1 MessageIdentification <MsgId>

Presence: [1..1]

Definition: Point to point reference, as assigned by the sender, to unambiguously identify the message.

Usage: The sender has to make sure that MessageIdentification is unique for a pre-agreed period.

Datatype: "Max35Text" on page 81

4.1.7.1.2 CreationDateTime <CreDtTm>

Presence: [0..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 77

4.1.7.1.3 RequestType <ReqTp>

Presence: [0..1]

Definition: Specific actions to be executed through the request.

RequestType <ReqTp> contains one of the following **RequestType2Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	PaymentControl *<PmtCtrl>*	[1..1]	CodeSet		57
Or	Enquiry *<Enqry>*	[1..1]	CodeSet		58
Or}	Proprietary *<Prtry>*	[1..1]	±		58

4.1.7.1.3.1 PaymentControl <PmtCtrl>

Presence: [1..1]

Definition: Request type is a control command on a set of transactions.

Datatype: "RequestType1Code" on page 76

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

CodeName	Name	Definition
RT01	ReleasePending	Type is a request to release the pending transactions.
RT02	HoldNormal	Type is a request to hold normal transactions.
RT03	Cancellation	Type is a request to cancellation a transaction.
RT04	ReSequence	Type is a request to change the sequence of the transactions.
RT05	ReleaseSuspicious	Type is a request to release the suspicious transactions.

4.1.7.1.3.2 Enquiry <Enqry>

Presence: [1..1]

Definition: Request type is an enquiry on a position or a transaction.

Datatype: "RequestType2Code" on page 77

CodeName	Name	Definition
RT11	BankPositionEnquiry	Type is an enquiry on the bank's position.
RT12	SpecificTransactionEnquiry	Type is an enquiry on a specific transaction.
RT13	QueuedTransactionEnquiry	Type is an enquiry on a queued transaction.
RT14	SuspiciousTransactionEnquiry	Type is an enquiry on a suspicious transaction.
RT15	PendingInwardCreditsEnquiry	Type is an enquiry on pending inward credits.

4.1.7.1.3.3 Proprietary <Prtry>

Presence: [1..1]

Definition: Request type is in proprietary format.

Proprietary <Prtry> contains the following elements (see "GenericIdentification1" on page 54 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Identification <*Id*>	[1..1]	Text		54
	SchemeName <*SchmeNm*>	[0..1]	Text		54
	Issuer <*Issr*>	[0..1]	Text		55

4.1.7.1.4 OriginalBusinessQuery <OrgnlBizQry>

Presence: [0..1]

Definition: Unique identification of the original query message.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

OriginalBusinessQuery <OrgnlBizQry> contains the following elements (see
"OriginalBusinessQuery1" on page 59 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageIdentification <MsgId>	[1..1]	Text		59
	MessageNameIdentification <MsgNmId>	[0..1]	Text		59
	CreationDateTime <CreDtTm>	[0..1]	DateTime		59

4.1.7.1.5 QueryName <QryNm>

Presence: [0..1]

Definition: Recalls the criteria (search and return criteria) defined in a preceding query.

Datatype: "Max35Text" on page 81

4.1.7.2 OriginalBusinessQuery1

Definition: Unique identification, as assigned by the original requestor, to unambiguously identify the
business query message.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageIdentification <MsgId>	[1..1]	Text		59
	MessageNameIdentification <MsgNmId>	[0..1]	Text		59
	CreationDateTime <CreDtTm>	[0..1]	DateTime		59

4.1.7.2.1 MessageIdentification <MsgId>

Presence: [1..1]

Definition: Point to point reference, as assigned by the original initiating party, to unambiguously identify
the original query message.

Datatype: "Max35Text" on page 81

4.1.7.2.2 MessageNameIdentification <MsgNmId>

Presence: [0..1]

Definition: Specifies the query message name identifier to which the message refers.

Datatype: "Max35Text" on page 81

4.1.7.2.3 CreationDateTime <CreDtTm>

Presence: [0..1]

Definition: Date and time at which the message was created.

Datatype: "ISODateTime" on page 77

4.1.7.3 YieldedOrValueType1Choice

Definition: Choice of value type.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Yielded *<Yldd>*	[1..1]	Indicator		60
Or}	ValueType *<ValTp>*	[1..1]	CodeSet		60

4.1.7.3.1 Yielded <Yldd>

Presence: [1..1]

Definition: Indicates whether the price is expressed as a yield.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 79):

- *Meaning When True:* Yes

- *Meaning When False:* No

4.1.7.3.2 ValueType <ValTp>

Presence: [1..1]

Definition: Type of value in which the price is expressed.

Datatype: "PriceValueType1Code" on page 76

CodeName	Name	Definition
DISC	Discount	Price expressed as a number of percentage points below par, for example, a discount price of 2.0% equals a price of 98 when par is 100.
PREM	Premium	Price expressed as a number of percentage points above par, for example, a premium price of 2.0% equals a price of 102 when par is 100.
PARV	Par	Price is the face amount.

4.1.7.4 SupplementaryData1

Definition: Additional information that can not be captured in the structured fields and/or any other specific block.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	PlaceAndName *<PlcAndNm>*	[0..1]	Text		60
	Envelope *<Envlp>*	[1..1]	(External Schema)		61

Constraints

- **SupplementaryDataRule**

   This component may not be used without the explicit approval of a SEG and submission to the RA of ISO 20022 compliant structure(s) to be used in the Envelope element.

4.1.7.4.1 PlaceAndName <PlcAndNm>

Presence: [0..1]

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Definition: Unambiguous reference to the location where the supplementary data must be inserted in the message instance.

In the case of XML, this is expressed by a valid XPath.

Datatype: "Max350Text" on page 81

4.1.7.4.2 Envelope <Envlp>

Presence: [1..1]

Definition: Technical element wrapping the supplementary data.

Type: (External Schema)

Technical component that contains the validated supplementary data information. This technical envelope allows to segregate the supplementary data information from any other information.

4.1.8 Party Identification

4.1.8.1 PartyIdentification136

Definition: Identification of the party.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	±		61
	LEI *<LEI>*	[0..1]	IdentifierSet		61

4.1.8.1.1 Identification <Id>

Presence: [1..1]

Definition: Unique identification of the party.

Identification <Id> contains one of the following elements (see "PartyIdentification120Choice" on page 61 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	AnyBIC *<AnyBIC>*	[1..1]	IdentifierSet	C3	62
Or	ProprietaryIdentification *<PrtryId>*	[1..1]	±		62
Or}	NameAndAddress *<NmAndAdr>*	[1..1]	±		62

4.1.8.1.2 LEI <LEI>

Presence: [0..1]

Definition: Legal entity identification as an alternate identification for a party.

Datatype: "LEIIdentifier" on page 79

4.1.8.2 PartyIdentification120Choice

Definition: Choice between different formats for the identification of a party.

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Securities SEG on the 19th of July 2019.

Message Items Types

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	AnyBIC *<AnyBIC>*	[1..1]	IdentifierSet	C3	62
Or	ProprietaryIdentification *<PrtryId>*	[1..1]	±		62
Or}	NameAndAddress *<NmAndAdr>*	[1..1]	±		62

4.1.8.2.1 AnyBIC <AnyBIC>

Presence: [1..1]

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Impacted by: C3 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 78

Constraints

- **AnyBIC**

  Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

4.1.8.2.2 ProprietaryIdentification <PrtryId>

Presence: [1..1]

Definition: Unique and unambiguous identifier, as assigned to a financial institution using a proprietary identification scheme.

ProprietaryIdentification <PrtryId> contains the following elements (see "GenericIdentification36" on page 55 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		56
	Issuer *<Issr>*	[1..1]	Text		56
	SchemeName *<SchmeNm>*	[0..1]	Text		56

4.1.8.2.3 NameAndAddress <NmAndAdr>

Presence: [1..1]

Definition: Name and address of a party.

NameAndAddress <NmAndAdr> contains the following elements (see "NameAndAddress5" on page 63 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Name *<Nm>*	[1..1]	Text		63
	Address *<Adr>*	[0..1]	±		64

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Message Items Types

4.1.8.3 SystemPartyIdentification8

Definition: Unique and unambiguous identification of a party within a system.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	±		63
	ResponsiblePartyIdentification *<RspnsblPtyId>*	[0..1]	±		63

4.1.8.3.1 Identification <Id>

Presence: [1..1]

Definition: Unique identification to unambiguously identify the party within the system.

Identification <Id> contains the following elements (see "PartyIdentification136" on page 61 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	±		61
	LEI *<LEI>*	[0..1]	IdentifierSet		61

4.1.8.3.2 ResponsiblePartyIdentification <RspnsblPtyId>

Presence: [0..1]

Definition: Unique identification of the party responsible for the maintenance of the party reference data.

ResponsiblePartyIdentification <RspnsblPtyId> contains the following elements (see "PartyIdentification136" on page 61 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	±		61
	LEI *<LEI>*	[0..1]	IdentifierSet		61

4.1.9   Postal Address

4.1.9.1 NameAndAddress5

Definition: Information that locates and identifies a party.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Name *<Nm>*	[1..1]	Text		63
	Address *<Adr>*	[0..1]	±		64

4.1.9.1.1 Name <Nm>

Presence: [1..1]

Definition: Name by which a party is known and which is usually used to identify that party.

Datatype: "Max350Text" on page 81

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Securities SEG on the 19th of July 2019.

Message Items Types

4.1.9.1.2 Address <Adr>

Presence: [0..1]

Definition: Postal address of the party.

Address <Adr> contains the following elements (see "PostalAddress1" on page 68 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	AddressType *<AdrTp>*	[0..1]	CodeSet		68
	AddressLine *<AdrLine>*	[0..5]	Text		69
	StreetName *<StrtNm>*	[0..1]	Text		69
	BuildingNumber *<BldgNb>*	[0..1]	Text		69
	PostCode *<PstCd>*	[0..1]	Text		69
	TownName *<TwnNm>*	[0..1]	Text		69
	CountrySubDivision *<CtrySubDvsn>*	[0..1]	Text		69
	Country *<Ctry>*	[1..1]	CodeSet	C5	70

4.1.9.2 PostalAddress24

Definition: Information that locates and identifies a specific address, as defined by postal services.

Approved by the Securities and Payments SEG under the leadership of the
Securities SEG on the 19th of July 2019.

Message Items Types

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	AddressType *<AdrTp>*	[0..1]			65
{Or	Code *<Cd>*	[1..1]	CodeSet		65
Or}	Proprietary *<Prtry>*	[1..1]	±		66
	Department *<Dept>*	[0..1]	Text		66
	SubDepartment *<SubDept>*	[0..1]	Text		66
	StreetName *<StrtNm>*	[0..1]	Text		66
	BuildingNumber *<BldgNb>*	[0..1]	Text		66
	BuildingName *<BldgNm>*	[0..1]	Text		67
	Floor *<Flr>*	[0..1]	Text		67
	PostBox *<PstBx>*	[0..1]	Text		67
	Room *<Room>*	[0..1]	Text		67
	PostCode *<PstCd>*	[0..1]	Text		67
	TownName *<TwnNm>*	[0..1]	Text		67
	TownLocationName *<TwnLctnNm>*	[0..1]	Text		67
	DistrictName *<DstrctNm>*	[0..1]	Text		67
	CountrySubDivision *<CtrySubDvsn>*	[0..1]	Text		68
	Country *<Ctry>*	[0..1]	CodeSet	C5	68
	AddressLine *<AdrLine>*	[0..7]	Text		68

4.1.9.2.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

AddressType <AdrTp> contains one of the following **AddressType3Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Code *<Cd>*	[1..1]	CodeSet		65
Or}	Proprietary *<Prtry>*	[1..1]	±		66

4.1.9.2.1.1 Code <Cd>

Presence: [1..1]

Definition: Type of address expressed as a code.

Datatype: "AddressType2Code" on page 73

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.

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Securities SEG on the 19th of July 2019.

Message Items Types

CodeName	Name	Definition
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

4.1.9.2.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Type of address expressed as a proprietary code.

Proprietary <Prtry> contains the following elements (see "GenericIdentification30" on page 55 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		55
	Issuer *<Issr>*	[1..1]	Text		55
	SchemeName *<SchmeNm>*	[0..1]	Text		55

4.1.9.2.2 Department <Dept>

Presence: [0..1]

Definition: Identification of a division of a large organisation or building.

Datatype: "Max70Text" on page 82

4.1.9.2.3 SubDepartment <SubDept>

Presence: [0..1]

Definition: Identification of a sub-division of a large organisation or building.

Datatype: "Max70Text" on page 82

4.1.9.2.4 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 82

4.1.9.2.5 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 81

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Securities SEG on the 19th of July 2019.

Message Items Types

4.1.9.2.6 BuildingName <BldgNm>

Presence: [0..1]

Definition: Name of the building or house.

Datatype: "Max35Text" on page 81

4.1.9.2.7 Floor <Flr>

Presence: [0..1]

Definition: Floor or storey within a building.

Datatype: "Max70Text" on page 82

4.1.9.2.8 PostBox <PstBx>

Presence: [0..1]

Definition: Numbered box in a post office, assigned to a person or organisation, where letters are kept until called for.

Datatype: "Max16Text" on page 81

4.1.9.2.9 Room <Room>

Presence: [0..1]

Definition: Building room number.

Datatype: "Max70Text" on page 82

4.1.9.2.10 PostCode <PstCd>

Presence: [0..1]

Definition: Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

Datatype: "Max16Text" on page 81

4.1.9.2.11 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 81

4.1.9.2.12 TownLocationName <TwnLctnNm>

Presence: [0..1]

Definition: Specific location name within the town.

Datatype: "Max35Text" on page 81

4.1.9.2.13 DistrictName <DstrctNm>

Presence: [0..1]

Definition: Identifies a subdivision within a country sub-division.

Datatype: "Max35Text" on page 81

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Securities SEG on the 19th of July 2019.

Message Items Types

4.1.9.2.14 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country such as state, region, county.

Datatype: "Max35Text" on page 81

4.1.9.2.15 Country <Ctry>

Presence: [0..1]

Definition: Nation with its own government.

Impacted by: C5 "Country"

Datatype: "CountryCode" on page 74

Constraints

- **Country**

    The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

4.1.9.2.16 AddressLine <AdrLine>

Presence: [0..7]

Definition: Information that locates and identifies a specific address, as defined by postal services, presented in free format text.

Datatype: "Max70Text" on page 82

4.1.9.3 PostalAddress1

Definition: Information that locates and identifies a specific address, as defined by postal services.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AddressType <*AdrTp*>	[0..1]	CodeSet		68
	AddressLine <*AdrLine*>	[0..5]	Text		69
	StreetName <*StrtNm*>	[0..1]	Text		69
	BuildingNumber <*BldgNb*>	[0..1]	Text		69
	PostCode <*PstCd*>	[0..1]	Text		69
	TownName <*TwnNm*>	[0..1]	Text		69
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		69
	Country <*Ctry*>	[1..1]	CodeSet	C5	70

4.1.9.3.1 AddressType <AdrTp>

Presence: [0..1]

Definition: Identifies the nature of the postal address.

Datatype: "AddressType2Code" on page 73

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Securities SEG on the 19th of July 2019.

Message Items Types

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

4.1.9.3.2 AddressLine <AdrLine>

Presence: [0..5]

Definition: Information that locates and identifies a specific address, as defined by postal services, that is presented in free format text.

Datatype: "Max70Text" on page 82

4.1.9.3.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 82

4.1.9.3.4 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 81

4.1.9.3.5 PostCode <PstCd>

Presence: [0..1]

Definition: Identifier consisting of a group of letters and/or numbers that is added to a postal address to assist the sorting of mail.

Datatype: "Max16Text" on page 81

4.1.9.3.6 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max35Text" on page 81

4.1.9.3.7 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

Definition: Identifies a subdivision of a country for example, state, region, county.

Datatype: "Max35Text" on page 81

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Securities SEG on the 19th of July 2019.

Message Items Types

4.1.9.3.8 Country <Ctry>

Presence: [1..1]

Definition: Nation with its own government.

Impacted by: C5 "Country"

Datatype: "CountryCode" on page 74

Constraints

- **Country**

  The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

4.1.10 Price

4.1.10.1 PriceRateOrAmount3Choice

Definition: Choice of formats for the price.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Rate *<Rate>*	[1..1]	Rate		70
Or}	Amount *<Amt>*	[1..1]	Amount	C2	70

4.1.10.1.1 Rate <Rate>

Presence: [1..1]

Definition: Price expressed as a rate, that is percentage.

Datatype: "PercentageRate" on page 80

4.1.10.1.2 Amount <Amt>

Presence: [1..1]

Definition: Price expressed as a currency and value.

Impacted by: C2 "ActiveOrHistoricCurrency"

Datatype: "ActiveOrHistoricCurrencyAnd13DecimalAmount" on page 72

Constraints

- **ActiveOrHistoricCurrency**

  The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3)

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Message Items Types

4.1.11 System Identification

4.1.11.1 ClearingSystemIdentification2Choice

Definition: Choice of a clearing system identifier.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Code *<Cd>*	[1..1]	CodeSet		71
Or}	Proprietary *<Prtry>*	[1..1]	Text		71

4.1.11.1.1 Code <Cd>

Presence: [1..1]

Definition: Identification of a clearing system, in a coded form as published in an external list.

Datatype: "ExternalClearingSystemIdentification1Code" on page 75

4.1.11.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Identification code for a clearing system, that has not yet been identified in the list of clearing systems.

Datatype: "Max35Text" on page 81

4.2 Message Datatypes

4.2.1 Amount

4.2.1.1 ActiveCurrencyAndAmount

Definition: A number of monetary units specified in an active currency where the unit of currency is explicit and compliant with ISO 4217.

Type: Amount

This data type contains the following XML attribute:

Name	Attribute XML Name	Datatype
Currency	Ccy	"ActiveCurrencyCode" on page 73

Format

minInclusive	0
totalDigits	18
fractionDigits	5

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Securities SEG on the 19th of July 2019.

Message Items Types

Constraints

- **ActiveCurrency**

  The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

- **CurrencyAmount**

  The number of fractional digits (or minor unit of currency) must comply with ISO 4217.

  Note: The decimal separator is a dot.

4.2.1.2 ActiveOrHistoricCurrencyAnd13DecimalAmount

Definition: A number of monetary units specified in an active or a historic currency where the unit of currency is explicit and compliant with ISO 4217. The number of fractional digits (or minor unit of currency) is not checked as per ISO 4217: It must be lesser than or equal to 13.

Note: The decimal separator is a dot.

Type: Amount

This data type contains the following XML attribute:

Name	Attribute XML Name	Datatype
Currency	Ccy	"ActiveOrHistoricCurrencyCode" on page 73

Format

minInclusive	0
totalDigits	18
fractionDigits	13

Constraints

- **ActiveOrHistoricCurrency**

  The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

4.2.1.3 ImpliedCurrencyAndAmount

Definition: Number of monetary units specified in a currency where the unit of currency is implied by the context and compliant with ISO 4217. The decimal separator is a dot.

Note: a zero amount is considered a positive amount.

Type: Amount

Format

minInclusive	0

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Message Items Types

totalDigits	18
fractionDigits	5

4.2.2 CodeSet

4.2.2.1 ActiveCurrencyCode

Definition: A code allocated to a currency by a Maintenance Agency under an international identification scheme as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds".

Type: CodeSet

Format

pattern	[A-Z]{3,3}

Constraints

- **ActiveCurrency**

  The currency code must be a valid active currency code, not yet withdrawn on the day the message containing the currency is exchanged. Valid active currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and are not yet withdrawn on the day the message containing the Currency is exchanged.

4.2.2.2 ActiveOrHistoricCurrencyCode

Definition: A code allocated to a currency by a Maintenance Agency under an international identification scheme, as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds".

Type: CodeSet

Format

pattern	[A-Z]{3,3}

Constraints

- **ActiveOrHistoricCurrency**

  The Currency Code must be registered, or have already been registered. Valid active or historic currency codes are registered with the ISO 4217 Maintenance Agency, consist of three (3) contiguous letters, and may be or not be withdrawn on the day the message containing the Currency is exchanged.

4.2.2.3 AddressType2Code

Definition: Specifies the type of address.

Type: CodeSet

CodeName	Name	Definition
ADDR	Postal	Address is the complete postal address.
PBOX	POBox	Address is a postal office (PO) box.

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Securities SEG on the 19th of July 2019.

Message Items Types

CodeName	Name	Definition
HOME	Residential	Address is the home address.
BIZZ	Business	Address is the business address.
MLTO	MailTo	Address is the address to which mail is sent.
DLVY	DeliveryTo	Address is the address to which delivery is to take place.

4.2.2.4 CountryCode

Definition: Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

Type: CodeSet

Format

pattern	[A-Z]{2,2}

Constraints

• **Country**

The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

4.2.2.5 ExternalAccountIdentification1Code

Definition: Specifies the external account identification scheme name code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

4.2.2.6 ExternalCashAccountType1Code

Definition: Specifies the nature, or use, of the cash account in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

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Message Items Types

Format

minLength	1
maxLength	4

4.2.2.7 ExternalClearingSystemIdentification1Code

Definition: Specifies the clearing system identification code, as published in an external clearing system identification code list.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	5

4.2.2.8 ExternalFinancialInstitutionIdentification1Code

Definition: Specifies the external financial institution identification scheme name code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

4.2.2.9 ExternalFinancialInstrumentIdentificationType1Code

Definition: Specifies the external financial instrument identification type scheme name code in the format of character string with a maximum length of 4 characters.

The list of valid codes is an external code list published separately.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

4.2.2.10 ExternalProxyAccountType1Code

Definition: Specifies the external proxy account type code, as published in the proxy account type external code set.

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Securities SEG on the 19th of July 2019.

Message Items Types

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

4.2.2.11 ExternalSystemErrorHandling1Code

Definition: Specifies the error code as generated by the system in the response, as published in an external balance type code set.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

4.2.2.12 PriceValueType1Code

Definition: Specifies a type of value of the price.

Type: CodeSet

CodeName	Name	Definition
DISC	Discount	Price expressed as a number of percentage points below par, for example, a discount price of 2.0% equals a price of 98 when par is 100.
PREM	Premium	Price expressed as a number of percentage points above par, for example, a premium price of 2.0% equals a price of 102 when par is 100.
PARV	Par	Price is the face amount.

4.2.2.13 RequestType1Code

Definition: Specifies the request used to further detail the type of information that will be queried.

Type: CodeSet

CodeName	Name	Definition
RT01	ReleasePending	Type is a request to release the pending transactions.
RT02	HoldNormal	Type is a request to hold normal transactions.
RT03	Cancellation	Type is a request to cancellation a transaction.

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Message Items Types

CodeName	Name	Definition
RT04	ReSequence	Type is a request to change the sequence of the transactions.
RT05	ReleaseSuspicious	Type is a request to release the suspicious transactions.

4.2.2.14 RequestType2Code

Definition: Specifies the request used to further detail the type of information that will be queried.

Type: CodeSet

CodeName	Name	Definition
RT11	BankPositionEnquiry	Type is an enquiry on the bank's position.
RT12	SpecificTransactionEnquiry	Type is an enquiry on a specific transaction.
RT13	QueuedTransactionEnquiry	Type is an enquiry on a queued transaction.
RT14	SuspiciousTransactionEnquiry	Type is an enquiry on a suspicious transaction.
RT15	PendingInwardCreditsEnquiry	Type is an enquiry on pending inward credits.

4.2.3　　　Date

4.2.3.1 ISODate

Definition: A particular point in the progression of time in a calendar year expressed in the YYYY-MM-DD format. This representation is defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Type: Date

4.2.4　　　DateTime

4.2.4.1 ISODateTime

Definition: A particular point in the progression of time defined by a mandatory date and a mandatory time component, expressed in either UTC time format (YYYY-MM-DDThh:mm:ss.sssZ), local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm), or local time format (YYYY-MM-DDThh:mm:ss.sss). These representations are defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Note on the time format:

1) beginning / end of calendar day

00:00:00 = the beginning of a calendar day

24:00:00 = the end of a calendar day

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Securities SEG on the 19th of July 2019.

Message Items Types

2) fractions of second in time format

Decimal fractions of seconds may be included. In this case, the involved parties shall agree on the maximum number of digits that are allowed.

Type: DateTime

4.2.5 IdentifierSet

4.2.5.1 AnyBICDec2014Identifier

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362: 2014 - "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Type: IdentifierSet

Identification scheme: SWIFT; AnyBICIdentifier

Format

pattern   [A-Z0-9]{4,4}[A-Z]{2,2}[A-Z0-9]{2,2}([A-Z0-9]{3,3}){0,1}

Constraints

- **AnyBIC**

  Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consists of eight (8) or eleven (11) contiguous characters.

4.2.5.2 BICFIDec2014Identifier

Definition: Code allocated to a financial institution by the ISO 9362 Registration Authority as described in ISO 9362: 2014 - "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Type: IdentifierSet

Identification scheme: SWIFT; BICIdentifier

Format

pattern   [A-Z0-9]{4,4}[A-Z]{2,2}[A-Z0-9]{2,2}([A-Z0-9]{3,3}){0,1}

Constraints

- **BICFI**

  Valid BICs for financial institutions are registered and published by the ISO 9362 Registration Authority in the ISO directory of BICs, and consist of eight (8) or eleven (11) contiguous characters.

4.2.5.3 IBAN2007Identifier

Definition: An identifier used internationally by financial institutions to uniquely identify the account of a customer at a financial institution, as described in the latest edition of the international standard ISO 13616: 2007 - "Banking and related financial services - International Bank Account Number (IBAN)".

Type: IdentifierSet

Identification scheme: National Banking Association; International Bank Account Number (ISO 13616)

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Securities SEG on the 19th of July 2019.

Message Items Types

Format

pattern	[A-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}

Constraints

- **IBAN**

  A valid IBAN consists of all three of the following components: Country Code, check digits and BBAN.

4.2.5.4 ISINOct2015Identifier

Definition: International Securities Identification Number (ISIN). A numbering system designed by the United Nation's International Organisation for Standardisation (ISO). The ISIN is composed of a 2-character prefix representing the country of issue, followed by the national security number (if one exists), and a check digit. Each country has a national numbering agency that assigns ISIN numbers for securities in that country.

Type: IdentifierSet

Identification scheme: ANNA; ISINIdentifier

Format

pattern	[A-Z]{2,2}[A-Z0-9]{9,9}[0-9]{1,1}

4.2.5.5 LEIIdentifier

Definition: Legal Entity Identifier is a code allocated to a party as described in ISO 17442 "Financial Services - Legal Entity Identifier (LEI)".

Type: IdentifierSet

Identification scheme: Global LEI System; LEIIdentifier

Format

pattern	[A-Z0-9]{18,18}[0-9]{2,2}

4.2.6 Indicator

4.2.6.1 RequestedIndicator

Definition: Indicates if requested or not.

Type: Indicator

Meaning When True: Requested

Meaning When False: Not Requested

4.2.6.2 YesNoIndicator

Definition: Indicates a "Yes" or "No" type of answer for an element.

Type: Indicator

Meaning When True: Yes

Meaning When False: No

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Securities SEG on the 19th of July 2019.

Message Items Types

4.2.7 Quantity

4.2.7.1 DecimalNumber

Definition: Number of objects represented as a decimal number, for example 0.75 or 45.6.

Type: Quantity

Format

totalDigits	18
fractionDigits	17

4.2.7.2 Number

Definition: Number of objects represented as an integer.

Type: Quantity

Format

totalDigits	18
fractionDigits	0

4.2.8 Rate

4.2.8.1 PercentageRate

Definition: Rate expressed as a percentage, that is, in hundredths, for example, 0.7 is 7/10 of a percent, and 7.0 is 7%.

Type: Rate

Format

totalDigits	11
fractionDigits	10
baseValue	100.0

4.2.9 Text

4.2.9.1 Exact4AlphaNumericText

Definition: Specifies an alphanumeric string with a length of 4 characters.

Type: Text

Format

pattern	[a-zA-Z0-9]{4}

4.2.9.2 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

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Securities SEG on the 19th of July 2019.

Message Items Types

Type: Text

Format

minLength	1
maxLength	140

4.2.9.3 Max16Text

Definition: Specifies a character string with a maximum length of 16 characters.

Type: Text

Format

minLength	1
maxLength	16

4.2.9.4 Max2048Text

Definition: Specifies a character string with a maximum length of 2048 characters.

Type: Text

Format

minLength	1
maxLength	2048

4.2.9.5 Max34Text

Definition: Specifies a character string with a maximum length of 34 characters.

Type: Text

Format

minLength	1
maxLength	34

4.2.9.6 Max350Text

Definition: Specifies a character string with a maximum length of 350 characters.

Type: Text

Format

minLength	1
maxLength	350

4.2.9.7 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.

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Securities SEG on the 19th of July 2019.

Message Items Types

Type: Text

Format

minLength	1
maxLength	35

4.2.9.8 Max4AlphaNumericText

Definition: Specifies an alphanumeric string with a maximum length of 4 characters.

Type: Text

Format

minLength	1
maxLength	4
pattern	[a-zA-Z0-9]{1,4}

4.2.9.9 Max70Text

Definition: Specifies a character string with a maximum length of 70characters.

Type: Text

Format

minLength	1
maxLength	70