ISO 20022

ISO 20022 Business Message Envelope

Message Definition Report

Approved by the CSH on 22 December 2022

This document provides details of the Message Definitions for ISO 20022 Business Message Envelope.

January 2023

Table of Contents

1   Message Set Overview

Introduction

Message set for the ISO 20022 Business Message Envelope.

1.1   List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
nvlp.001.001.01 BusinessMessageEnvelopeV01	The BusinessMessageEnvelope is a technical message container used to bundle a business application header with a message definition, typically to support processing or transport. It may contain and define additional data elements that apply to the message instance container.

2   nvlp.001.001.01 BusinessMessageEnvelopeV01

2.1   MessageDefinition Functionality

The BusinessMessageEnvelope is a technical message container used to bundle a business application header with a message definition, typically to support processing or transport. It may contain and define additional data elements that apply to the message instance container.

Outline

The BusinessMessageEnvelopeV01 MessageDefinition is composed of 4 MessageBuildingBlocks:

A. Header

ISO 20022 Business Application Header instance.

Rule: The external schema must be an official ISO 20022 Business Application Header.

B. Document

ISO 20022 Message Definition instance.

Rule: The external schema must be an official ISO 20022 Message Definition.

C. Reference

Reference related to the delivery of the business message whilst in transit from sending to receiving business application.

D. SupplementaryData

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

2.2   Structure

Or	MessageElement/BuildingBlock*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Message root <BizMsgEnvlp> <BizMsgEnvlp>	[1..1]		C3	
	Header *<Hdr>*	[0..1]	(External Schema)		6
	Document *<Doc>*	[1..1]	(External Schema)		6
	Reference *<Ref>*	[0..*]			6
	Name *<Nm>*	[0..1]	Text		7
	Issuer *<Issr>*	[1..1]	±		7
	Value *<Val>*	[1..1]			7
{Or	**UUID** *<UUID>*	[1..1]	IdentifierSet		8
Or	**IRI** *<IRI>*	[1..1]	Text		8
Or}	**Other** *<Othr>*	[1..1]			8
	Type *<Tp>*	[1..1]			8
{Or	**Code** *<Cd>*	[1..1]	Text		9
Or}	**Proprietary** *<Prtry>*	[1..1]	Text		9
	Value *<Val>*	[1..1]	Text		9
	SupplementaryData *<SplmtryData>*	[0..*]	±	C4	9
	SupplementaryData *<SplmtryData>*	[0..*]	±	C4	9

2.3   Constraints

C1   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.

C2   Country

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

C3   SupplementaryDataAndDocumentRule

The SupplementaryData can only be used to extend its parent elements and not other elements.

Usage: /SupplementaryData may only extends the envelope and /Reference/ SupplementaryData may only extend the reference, but cannot extend the Header nor the Document payload.

This constraint is defined at the MessageDefinition level.

C4　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　Header <Hdr>

Presence: [0..1]

Definition: ISO 20022 Business Application Header instance.

Rule: The external schema must be an official ISO 20022 Business Application Header.

Type: (External Schema)

Specifies a data structure that allows to include any valid XML Structure (e.g. through an XML Schema). The property namespace is set to 'any'.

The processContents value is 'lax' which according to the above specification and to Iso20022:2013 means: If the item has a uniquely determined declaration available, it must be ·valid· with respect to that definition, that is, ·validate· if you can, don't worry if you can't, i.e. it MAY be validated or not.

2.4.2　Document <Doc>

Presence: [1..1]

Definition: ISO 20022 Message Definition instance.

Rule: The external schema must be an official ISO 20022 Message Definition.

Type: (External Schema)

Specifies a data structure that allows to include any valid XML Structure (e.g. through an XML Schema). The property namespace is set to 'any'.

The processContents value is 'lax' which according to the above specification and to Iso20022:2013 means: If the item has a uniquely determined declaration available, it must be ·valid· with respect to that definition, that is, ·validate· if you can, don't worry if you can't, i.e. it MAY be validated or not.

2.4.3　Reference <Ref>

Presence: [0..*]

Definition: Reference related to the delivery of the business message whilst in transit from sending to receiving business application.

Reference <Ref> contains the following **Reference22** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Name *<Nm>*	[0..1]	Text		7
	Issuer *<Issr>*	[1..1]	±		7
	Value *<Val>*	[1..1]			7
{Or	**UUID** *<UUID>*	[1..1]	IdentifierSet		8
Or	**IRI** *<IRI>*	[1..1]	Text		8
Or}	**Other** *<Othr>*	[1..1]			8
	Type *<Tp>*	[1..1]			8
{Or	**Code** *<Cd>*	[1..1]	Text		9
Or}	**Proprietary** *<Prtry>*	[1..1]	Text		9
	Value *<Val>*	[1..1]	Text		9
	SupplementaryData *<SplmtryData>*	[0..*]	±	C4	9

2.4.3.1 Name <Nm>

Presence: [0..1]

Definition: Name of the reference.

Datatype: "Max35Text" on page 31

2.4.3.2 Issuer <Issr>

Presence: [1..1]

Definition: Issuer of the reference.

Issuer <Issr> contains the following elements (see "PartyIdentification135" on page 14 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Name *<Nm>*	[0..1]	Text		14
	PostalAddress *<PstlAdr>*	[0..1]	±		14
	Identification *<Id>*	[0..1]	±		15
	CountryOfResidence *<CtryOfRes>*	[0..1]	CodeSet	C2	15
	ContactDetails *<CtctDtls>*	[0..1]	±		16

2.4.3.3 Value <Val>

Presence: [1..1]

Definition: Value of the reference.

Value **<Val>** contains one of the following **ReferenceValue1Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	**UUID** *<UUID>*	[1..1]	IdentifierSet		8
Or	**IRI** *<IRI>*	[1..1]	Text		8
Or}	**Other** *<Othr>*	[1..1]			8
	Type *<Tp>*	[1..1]			8
{Or	**Code** *<Cd>*	[1..1]	Text		9
Or}	**Proprietary** *<Prtry>*	[1..1]	Text		9
	Value *<Val>*	[1..1]	Text		9

2.4.3.3.1 UUID <UUID>

Presence: [1..1]

Definition: Universally Unique IDentifier (UUID) version 4.

Datatype: "UUIDv4Identifier" on page 29

2.4.3.3.2 IRI <IRI>

Presence: [1..1]

Definition: Internationalized Resource Identifier (IRI) address.

Datatype: "Max2048Text" on page 30

2.4.3.3.3 Other <Othr>

Presence: [1..1]

Definition: Other type of reference.

Other <Othr> contains the following **OtherReference1** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Type *<Tp>*	[1..1]			8
{Or	**Code** *<Cd>*	[1..1]	Text		9
Or}	**Proprietary** *<Prtry>*	[1..1]	Text		9
	Value *<Val>*	[1..1]	Text		9

2.4.3.3.3.1 Type <Tp>

Presence: [1..1]

Definition: Type of reference

Type <Tp> contains one of the following **ReferenceType1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	**Code** <Cd>	[1..1]	Text		9
Or}	**Proprietary** <Prtry>	[1..1]	Text		9

2.4.3.3.3.1.1 Code <Cd>

Presence: [1..1]

Definition: Code identifying the type of reference.

Datatype: "Max4Text" on page 31

2.4.3.3.3.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Proprietary identification of the type of reference.

Datatype: "Max35Text" on page 31

2.4.3.3.3.2 Value <Val>

Presence: [1..1]

Definition: Value of the reference

Datatype: "Max256Text" on page 30

2.4.3.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C4 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 11 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		12
	Envelope <Envlp>	[1..1]	(External Schema)		12

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.

2.4.4 SupplementaryData <SplmtryData>

Presence: [0..*]

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

Impacted by: C4 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 11 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	PlaceAndName *<PlcAndNm>*	[0..1]	Text		12
	Envelope *<Envlp>*	[1..1]	(External Schema)		12

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.

3   Message Items Types

3.1   MessageComponents

3.1.1   Identification Information

3.1.1.1 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		11
	Issuer *<Issr>*	[1..1]	Text		11
	SchemeName *<SchmeNm>*	[0..1]	Text		11

3.1.1.1.1 Identification <Id>

Presence: [1..1]

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

Datatype: "Exact4AlphaNumericText" on page 29

3.1.1.1.2 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 31

3.1.1.1.3 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Short textual description of the scheme.

Datatype: "Max35Text" on page 31

3.1.2   Miscellaneous

3.1.2.1 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		12
	Envelope *<Envlp>*	[1..1]	(External Schema)		12

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.

3.1.2.1.1 PlaceAndName <PlcAndNm>

Presence: [0..1]

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 31

3.1.2.1.2 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.

3.1.3   Organisation Identification

3.1.3.1 OrganisationIdentification29

Definition: Unique and unambiguous way to identify an organisation.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	AnyBIC *<AnyBIC>*	[0..1]	IdentifierSet	C1	12
	LEI *<LEI>*	[0..1]	IdentifierSet		13
	Other *<Othr>*	[0..*]			13
	Identification *<Id>*	[1..1]	Text		13
	SchemeName *<SchmeNm>*	[0..1]			13
{Or	Code *<Cd>*	[1..1]	CodeSet		13
Or}	Proprietary *<Prtry>*	[1..1]	Text		14
	Issuer *<Issr>*	[0..1]	Text		14

3.1.3.1.1 AnyBIC <AnyBIC>

Presence: [0..1]

Definition: Business identification code of the organisation.

Impacted by: C1 "AnyBIC"

Datatype: "AnyBICDec2014Identifier" on page 29

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.

3.1.3.1.2 LEI <LEI>

Presence: [0..1]

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

Datatype: "LEIIdentifier" on page 29

3.1.3.1.3 Other <Othr>

Presence: [0..*]

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

Other <Othr> contains the following **GenericOrganisationIdentification1** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		13
	SchemeName *<SchmeNm>*	[0..1]			13
{Or	Code *<Cd>*	[1..1]	CodeSet		13
Or}	Proprietary *<Prtry>*	[1..1]	Text		14
	Issuer *<Issr>*	[0..1]	Text		14

3.1.3.1.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification assigned by an institution.

Datatype: "Max35Text" on page 31

3.1.3.1.3.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

SchemeName <SchmeNm> contains one of the following **OrganisationIdentificationSchemeName1Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Code *<Cd>*	[1..1]	CodeSet		13
Or}	Proprietary *<Prtry>*	[1..1]	Text		14

3.1.3.1.3.2.1 Code <Cd>

Presence: [1..1]

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

Datatype: "ExternalOrganisationIdentification1Code" on page 27

3.1.3.1.3.2.2 Proprietary <Prtry>

Presence: [1..1]

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

Datatype: "Max35Text" on page 31

3.1.3.1.3.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 31

3.1.4   Party Identification

3.1.4.1 PartyIdentification135

Definition: Specifies the identification of a person or an organisation.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	Name <*Nm*>	[0..1]	Text		14
	PostalAddress <*PstlAdr*>	[0..1]	±		14
	Identification <*Id*>	[0..1]	±		15
	CountryOfResidence <*CtryOfRes*>	[0..1]	CodeSet	C2	15
	ContactDetails <*CtctDtls*>	[0..1]	±		16

3.1.4.1.1 Name <Nm>

Presence: [0..1]

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

Datatype: "Max140Text" on page 30

3.1.4.1.2 PostalAddress <PstlAdr>

Presence: [0..1]

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

PostalAddress <PstlAdr> contains the following elements (see "PostalAddress24" on page 23 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressType <AdrTp>	[0..1]			23
{Or	Code <Cd>	[1..1]	CodeSet		24
Or}	Proprietary <Prtry>	[1..1]	±		24
	Department <Dept>	[0..1]	Text		24
	SubDepartment <SubDept>	[0..1]	Text		24
	StreetName <StrtNm>	[0..1]	Text		25
	BuildingNumber <BldgNb>	[0..1]	Text		25
	BuildingName <BldgNm>	[0..1]	Text		25
	Floor <Flr>	[0..1]	Text		25
	PostBox <PstBx>	[0..1]	Text		25
	Room <Room>	[0..1]	Text		25
	PostCode <PstCd>	[0..1]	Text		25
	TownName <TwnNm>	[0..1]	Text		25
	TownLocationName <TwnLctnNm>	[0..1]	Text		26
	DistrictName <DstrctNm>	[0..1]	Text		26
	CountrySubDivision <CtrySubDvsn>	[0..1]	Text		26
	Country <Ctry>	[0..1]	CodeSet	C2	26
	AddressLine <AdrLine>	[0..7]	Text		26

3.1.4.1.3 Identification <Id>

Presence: [0..1]

Definition: Unique and unambiguous identification of a party.

Identification <Id> contains one of the following elements (see "Party38Choice" on page 16 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	OrganisationIdentification <OrgId>	[1..1]	±		16
Or}	PrivateIdentification <PrvtId>	[1..1]	±		17

3.1.4.1.4 CountryOfResidence <CtryOfRes>

Presence: [0..1]

Definition: Country in which a person resides (the place of a person's home). In the case of a company, it is the country from which the affairs of that company are directed.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 27

Constraints

• **Country**

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

3.1.4.1.5 ContactDetails <CtctDtls>

Presence: [0..1]

Definition: Set of elements used to indicate how to contact the party.

ContactDetails <CtctDtls> contains the following elements (see "Contact4" on page 20 for details)

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	NamePrefix *<NmPrfx>*	[0..1]	CodeSet		20
	Name *<Nm>*	[0..1]	Text		21
	PhoneNumber *<PhneNb>*	[0..1]	Text		21
	MobileNumber *<MobNb>*	[0..1]	Text		21
	FaxNumber *<FaxNb>*	[0..1]	Text		21
	EmailAddress *<EmailAdr>*	[0..1]	Text		21
	EmailPurpose *<EmailPurp>*	[0..1]	Text		21
	JobTitle *<JobTitl>*	[0..1]	Text		21
	Responsibility *<Rspnsblty>*	[0..1]	Text		22
	Department *<Dept>*	[0..1]	Text		22
	Other *<Othr>*	[0..*]			22
	ChannelType *<ChanlTp>*	[1..1]	Text		22
	Identification *<Id>*	[0..1]	Text		22
	PreferredMethod *<PrefrdMtd>*	[0..1]	CodeSet		22

3.1.4.2 Party38Choice

Definition: Nature or use of the account.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	OrganisationIdentification *<OrgId>*	[1..1]	±		16
Or}	PrivateIdentification *<PrvtId>*	[1..1]	±		17

3.1.4.2.1 OrganisationIdentification <OrgId>

Presence: [1..1]

Definition: Unique and unambiguous way to identify an organisation.

OrganisationIdentification <OrgId> contains the following elements (see "OrganisationIdentification29" on page 12 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	AnyBIC <*AnyBIC*>	[0..1]	IdentifierSet	C1	12
	LEI <*LEI*>	[0..1]	IdentifierSet		13
	Other <*Othr*>	[0..*]			13
	Identification <*Id*>	[1..1]	Text		13
	SchemeName <*SchmeNm*>	[0..1]			13
{Or	Code <*Cd*>	[1..1]	CodeSet		13
Or}	Proprietary <*Prtry*>	[1..1]	Text		14
	Issuer <*Issr*>	[0..1]	Text		14

3.1.4.2.2 PrivateIdentification <PrvtId>

Presence: [1..1]

Definition: Unique and unambiguous identification of a person, for example a passport.

PrivateIdentification <PrvtId> contains the following elements (see "PersonIdentification13" on page 17 for details)

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth <*DtAndPlcOfBirth*>	[0..1]			18
	BirthDate <*BirthDt*>	[1..1]	Date		18
	ProvinceOfBirth <*PrvcOfBirth*>	[0..1]	Text		18
	CityOfBirth <*CityOfBirth*>	[1..1]	Text		18
	CountryOfBirth <*CtryOfBirth*>	[1..1]	CodeSet	C2	19
	Other <*Othr*>	[0..*]			19
	Identification <*Id*>	[1..1]	Text		19
	SchemeName <*SchmeNm*>	[0..1]			19
{Or	Code <*Cd*>	[1..1]	CodeSet		20
Or}	Proprietary <*Prtry*>	[1..1]	Text		20
	Issuer <*Issr*>	[0..1]	Text		20

3.1.5   Person Identification

3.1.5.1 PersonIdentification13

Definition: Unique and unambiguous way to identify a person.

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	DateAndPlaceOfBirth *<DtAndPlcOfBirth>*	[0..1]			18
	BirthDate *<BirthDt>*	[1..1]	Date		18
	ProvinceOfBirth *<PrvcOfBirth>*	[0..1]	Text		18
	CityOfBirth *<CityOfBirth>*	[1..1]	Text		18
	CountryOfBirth *<CtryOfBirth>*	[1..1]	CodeSet	C2	19
	Other *<Othr>*	[0..*]			19
	Identification *<Id>*	[1..1]	Text		19
	SchemeName *<SchmeNm>*	[0..1]			19
{Or	Code *<Cd>*	[1..1]	CodeSet		20
Or}	Proprietary *<Prtry>*	[1..1]	Text		20
	Issuer *<Issr>*	[0..1]	Text		20

3.1.5.1.1 DateAndPlaceOfBirth <DtAndPlcOfBirth>

Presence: [0..1]

Definition: Date and place of birth of a person.

DateAndPlaceOfBirth <DtAndPlcOfBirth> contains the following **DateAndPlaceOfBirth1** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	BirthDate *<BirthDt>*	[1..1]	Date		18
	ProvinceOfBirth *<PrvcOfBirth>*	[0..1]	Text		18
	CityOfBirth *<CityOfBirth>*	[1..1]	Text		18
	CountryOfBirth *<CtryOfBirth>*	[1..1]	CodeSet	C2	19

3.1.5.1.1.1 BirthDate <BirthDt>

Presence: [1..1]

Definition: Date on which a person is born.

Datatype: "ISODate" on page 28

3.1.5.1.1.2 ProvinceOfBirth <PrvcOfBirth>

Presence: [0..1]

Definition: Province where a person was born.

Datatype: "Max35Text" on page 31

3.1.5.1.1.3 CityOfBirth <CityOfBirth>

Presence: [1..1]

Definition: City where a person was born.

Datatype: "Max35Text" on page 31

3.1.5.1.1.4 CountryOfBirth <CtryOfBirth>

Presence: [1..1]

Definition: Country where a person was born.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 27

Constraints

- **Country**

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

3.1.5.1.2 Other <Othr>

Presence: [0..*]

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

Other <Othr> contains the following **GenericPersonIdentification1** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
	Identification *<Id>*	[1..1]	Text		19
	SchemeName *<SchmeNm>*	[0..1]			19
{Or	Code *<Cd>*	[1..1]	CodeSet		20
Or}	Proprietary *<Prtry>*	[1..1]	Text		20
	Issuer *<Issr>*	[0..1]	Text		20

3.1.5.1.2.1 Identification <Id>

Presence: [1..1]

Definition: Unique and unambiguous identification of a person.

Datatype: "Max35Text" on page 31

3.1.5.1.2.2 SchemeName <SchmeNm>

Presence: [0..1]

Definition: Name of the identification scheme.

SchemeName <SchmeNm> contains one of the following **PersonIdentificationSchemeName1Choice** elements

Or	MessageElement*<XML Tag>*	Mult.	Type	Constr. No.	Page
{Or	Code *<Cd>*	[1..1]	CodeSet		20
Or}	Proprietary *<Prtry>*	[1..1]	Text		20

3.1.5.1.2.2.1 Code <Cd>

Presence: [1..1]

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

Datatype: "ExternalPersonIdentification1Code" on page 27

3.1.5.1.2.2.2 Proprietary <Prtry>

Presence: [1..1]

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

Datatype: "Max35Text" on page 31

3.1.5.1.2.3 Issuer <Issr>

Presence: [0..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 31

3.1.5.2 Contact4

Definition: Specifies the details of the contact person.

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	NamePrefix <*NmPrfx*>	[0..1]	CodeSet		20
	Name <*Nm*>	[0..1]	Text		21
	PhoneNumber <*PhneNb*>	[0..1]	Text		21
	MobileNumber <*MobNb*>	[0..1]	Text		21
	FaxNumber <*FaxNb*>	[0..1]	Text		21
	EmailAddress <*EmailAdr*>	[0..1]	Text		21
	EmailPurpose <*EmailPurp*>	[0..1]	Text		21
	JobTitle <*JobTitl*>	[0..1]	Text		21
	Responsibility <*Rspnsblty*>	[0..1]	Text		22
	Department <*Dept*>	[0..1]	Text		22
	Other <*Othr*>	[0..*]			22
	ChannelType <*ChanlTp*>	[1..1]	Text		22
	Identification <*Id*>	[0..1]	Text		22
	PreferredMethod <*PrefrdMtd*>	[0..1]	CodeSet		22

3.1.5.2.1 NamePrefix <NmPrfx>

Presence: [0..1]

Definition: Specifies the terms used to formally address a person.

Datatype: "NamePrefix2Code" on page 28

CodeName	Name	Definition
DOCT	Doctor	Title of the person is Doctor or Dr.
MADM	Madam	Title of the person is Madam.
MISS	Miss	Title of the person is Miss.
MIST	Mister	Title of the person is Mister or Mr.
MIKS	GenderNeutral	Title of the person is gender neutral (Mx).

3.1.5.2.2 Name <Nm>

Presence: [0..1]

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

Datatype: "Max140Text" on page 30

3.1.5.2.3 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 31

3.1.5.2.4 MobileNumber <MobNb>

Presence: [0..1]

Definition: Collection of information that identifies a mobile phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 31

3.1.5.2.5 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 31

3.1.5.2.6 EmailAddress <EmailAdr>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max2048Text" on page 30

3.1.5.2.7 EmailPurpose <EmailPurp>

Presence: [0..1]

Definition: Purpose for which an email address may be used.

Datatype: "Max35Text" on page 31

3.1.5.2.8 JobTitle <JobTitl>

Presence: [0..1]

Definition: Title of the function.

Datatype: "Max35Text" on page 31

3.1.5.2.9 Responsibility <Rspnsblty>

Presence: [0..1]

Definition: Role of a person in an organisation.

Datatype: "Max35Text" on page 31

3.1.5.2.10 Department <Dept>

Presence: [0..1]

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

Datatype: "Max70Text" on page 31

3.1.5.2.11 Other <Othr>

Presence: [0..*]

Definition: Contact details in another form.

Other <Othr> contains the following **OtherContact1** elements

Or	MessageElement<*XML Tag*>	Mult.	Type	Constr. No.	Page
	ChannelType <*ChanlTp*>	[1..1]	Text		22
	Identification <*Id*>	[0..1]	Text		22

3.1.5.2.11.1 ChannelType <ChanlTp>

Presence: [1..1]

Definition: Method used to contact the financial institution's contact for the specific tax region.

Datatype: "Max4Text" on page 31

3.1.5.2.11.2 Identification <Id>

Presence: [0..1]

Definition: Communication value such as phone number or email address.

Datatype: "Max128Text" on page 30

3.1.5.2.12 PreferredMethod <PrefrdMtd>

Presence: [0..1]

Definition: Preferred method used to reach the contact.

Datatype: "PreferredContactMethod1Code" on page 28

CodeName	Name	Definition
LETT	Letter	Preferred method used to reach the contact is per letter.
MAIL	Email	Preferred method used to reach the contact is per email.

CodeName	Name	Definition
PHON	Phone	Preferred method used to reach the contact is per phone.
FAXX	Fax	Preferred method used to reach the contact is per fax.
CELL	MobileOrCellPhone	Preferred method used to reach the contact is per mobile or cell phone.

3.1.6 Postal Address

3.1.6.1 PostalAddress24

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]			23
{Or	Code <*Cd*>	[1..1]	CodeSet		24
Or}	Proprietary <*Prtry*>	[1..1]	±		24
	Department <*Dept*>	[0..1]	Text		24
	SubDepartment <*SubDept*>	[0..1]	Text		24
	StreetName <*StrtNm*>	[0..1]	Text		25
	BuildingNumber <*BldgNb*>	[0..1]	Text		25
	BuildingName <*BldgNm*>	[0..1]	Text		25
	Floor <*Flr*>	[0..1]	Text		25
	PostBox <*PstBx*>	[0..1]	Text		25
	Room <*Room*>	[0..1]	Text		25
	PostCode <*PstCd*>	[0..1]	Text		25
	TownName <*TwnNm*>	[0..1]	Text		25
	TownLocationName <*TwnLctnNm*>	[0..1]	Text		26
	DistrictName <*DstrctNm*>	[0..1]	Text		26
	CountrySubDivision <*CtrySubDvsn*>	[0..1]	Text		26
	Country <*Ctry*>	[0..1]	CodeSet	C2	26
	AddressLine <*AdrLine*>	[0..7]	Text		26

3.1.6.1.1 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		24
Or}	Proprietary <Prtry>	[1..1]	±		24

3.1.6.1.1.1 Code <Cd>

Presence: [1..1]

Definition: Type of address expressed as a code.

Datatype: "AddressType2Code" on page 26

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.

3.1.6.1.1.2 Proprietary <Prtry>

Presence: [1..1]

Definition: Type of address expressed as a proprietary code.

Proprietary <Prtry> contains the following elements (see "GenericIdentification30" on page 11 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		11
	Issuer <Issr>	[1..1]	Text		11
	SchemeName <SchmeNm>	[0..1]	Text		11

3.1.6.1.2 Department <Dept>

Presence: [0..1]

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

Datatype: "Max70Text" on page 31

3.1.6.1.3 SubDepartment <SubDept>

Presence: [0..1]

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

Datatype: "Max70Text" on page 31

3.1.6.1.4 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max70Text" on page 31

3.1.6.1.5 BuildingNumber <BldgNb>

Presence: [0..1]

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

Datatype: "Max16Text" on page 30

3.1.6.1.6 BuildingName <BldgNm>

Presence: [0..1]

Definition: Name of the building or house.

Datatype: "Max35Text" on page 31

3.1.6.1.7 Floor <Flr>

Presence: [0..1]

Definition: Floor or storey within a building.

Datatype: "Max70Text" on page 31

3.1.6.1.8 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 30

3.1.6.1.9 Room <Room>

Presence: [0..1]

Definition: Building room number.

Datatype: "Max70Text" on page 31

3.1.6.1.10 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 30

3.1.6.1.11 TownName <TwnNm>

Presence: [0..1]

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

Datatype: "Max35Text" on page 31

3.1.6.1.12 TownLocationName <TwnLctnNm>

Presence: [0..1]

Definition: Specific location name within the town.

Datatype: "Max35Text" on page 31

3.1.6.1.13 DistrictName <DstrctNm>

Presence: [0..1]

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

Datatype: "Max35Text" on page 31

3.1.6.1.14 CountrySubDivision <CtrySubDvsn>

Presence: [0..1]

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

Datatype: "Max35Text" on page 31

3.1.6.1.15 Country <Ctry>

Presence: [0..1]

Definition: Nation with its own government.

Impacted by: C2 "Country"

Datatype: "CountryCode" on page 27

Constraints

- **Country**

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

3.1.6.1.16 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 31

3.2 Message Datatypes

3.2.1 CodeSet

3.2.1.1 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.
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.

3.2.1.2 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).

3.2.1.3 ExternalOrganisationIdentification1Code

Definition: Specifies the external organisation 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

3.2.1.4 ExternalPersonIdentification1Code

Definition: Specifies the external person 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

3.2.1.5 NamePrefix2Code

Definition: Specifies the terms used to formally address a person.

Type: CodeSet

CodeName	Name	Definition
DOCT	Doctor	Title of the person is Doctor or Dr.
MADM	Madam	Title of the person is Madam.
MISS	Miss	Title of the person is Miss.
MIST	Mister	Title of the person is Mister or Mr.
MIKS	GenderNeutral	Title of the person is gender neutral (Mx).

3.2.1.6 PreferredContactMethod1Code

Definition: Preferred method used to reach the individual contact within an organisation.

Type: CodeSet

CodeName	Name	Definition
LETT	Letter	Preferred method used to reach the contact is per letter.
MAIL	Email	Preferred method used to reach the contact is per email.
PHON	Phone	Preferred method used to reach the contact is per phone.
FAXX	Fax	Preferred method used to reach the contact is per fax.
CELL	MobileOrCellPhone	Preferred method used to reach the contact is per mobile or cell phone.

3.2.2   Date

3.2.2.1 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

3.2.3 IdentifierSet

3.2.3.1 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.

3.2.3.2 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}

3.2.3.3 UUIDv4Identifier

Definition: Universally Unique IDentifier (UUID) version 4, as described in IETC RFC 4122 "Universally Unique IDentifier (UUID) URN Namespace".

Type: IdentifierSet

Identification scheme: RFC4122; UUIDv4

Format

pattern	[a-f0-9]{8}-[a-f0-9]{4}-4[a-f0-9]{3}-[89ab][a-f0-9]{3}-[a-f0-9]{12}

3.2.4 Text

3.2.4.1 Exact4AlphaNumericText

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

Type: Text

Format

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

3.2.4.2 Max128Text

Definition: Specifies a character string with a maximum length of 128 characters.

Type: Text

Format

minLength	1
maxLength	128

3.2.4.3 Max140Text

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

Type: Text

Format

minLength	1
maxLength	140

3.2.4.4 Max16Text

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

Type: Text

Format

minLength	1
maxLength	16

3.2.4.5 Max2048Text

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

Type: Text

Format

minLength	1
maxLength	2048

3.2.4.6 Max256Text

Definition: Specifies a character string with a maximum length of 256 characters.

Type: Text

Format

minLength	1
maxLength	256

3.2.4.7 Max350Text

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

Type: Text

Format

minLength	1
maxLength	350

3.2.4.8 Max35Text

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

Type: Text

Format

minLength	1
maxLength	35

3.2.4.9 Max4Text

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

Type: Text

Format

minLength	1
maxLength	4

3.2.4.10 Max70Text

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

Type: Text

Format

minLength	1
maxLength	70

3.2.4.11 PhoneNumber

Definition: The collection of information which identifies a specific phone or FAX number as defined by telecom services.

It consists of a "+" followed by the country code (from 1 to 3 characters) then a "-" and finally, any combination of numbers, "(", ")", "+" and "-" (up to 30 characters).

Type: Text

Format

pattern   \+[0-9]{1,3}-[0-9()+\-]{1,30}