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**CIPS Message Definition Report**

**Part 2: Participant Management**

**V1.0.0**

**January 2021**

Important Note: This Article is made out in both English and Chinese versions. We hereby set Chinese version as standard and English version as a reference should any conflicts occurred. If you have any questions, please contact us at bzb@cips.com.cn.

**Revision Record**

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Note: Change statuses are C — created, A — added, M — modified, and D — deleted.

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1. Message Set Overview

This document describes the RMB Cross-border Payment message set.

* 1. List of MessageDefinitions

The following table lists all MessageDefinitions used in this document.

|  |  |
| --- | --- |
| MessageDefinition | Definition |
| cips.901.001.01ParticipantInformationChangeNotice | After CIPS issues participant change information, CIPS sends a ParticipantInformationChangeNotice message to all Direct Participants. |
| cips.902.001.01BusinessAuthorityModificationNotice | CIPS issues a BusinessAuthorityModificationNotice message to all Direct Participants, which contains the full authority data of the change Participants. |
| cips.903.001.01DigitalCertificateBindingNotice | After a Participant replaces its original digital certificate with a new one, the Participant uses the new digital certificate to add its digital signature to the related message and sends a DigitalCertificateBindingNotice message containing the public key of the digital certificate to CIPS, which will broadcast this message to all Participants. The Participants obtain the information from this message such as the public key of the digital certificate and the validity period of the certificate. |
| cips.904.001.01SystemParametersChangeNotice | Operating Agency of CIPS sets different kinds of parameters according to the management requirements. After any parameters has been changed, CIPS confirm the change and then sends this message to all Participants, and the change will become effective on a regularly or timely basis according to the specific parameters. |
| cips.906.001.01IndirectParticipant’sDirectParticipantChangeNotice | After a CIPS business supervisor issues participant’s direct participant change information, CIPS sends an IndirectParticipant’sDirectParticipantChangeNotice message to all Direct Participants. |
| cips.914.001.01RequestToDownloadDigitalCertificate | A Participant can send this message to CIPS for downloading the digital certificates of all or some Participants. |
| cips.922.001.01AutomaticVerification | CIPS sends this message to inform all Participants that CIPS checks are being performed. After successful processing, the Participants reply to CIPS with a CommonConfirmation message. |
| ccms.990.002.01CommunicationLevelConfirmation | In order to ensure reliable message transmission of the system, both Participating Institutions and CIPS need to confirm the communication level of the message from the other party. A message for which the other party’s CommunicationLevelConfirmation message has not yet been received should be regarded as a message that has not been successfully sent. |
| ccms.991.002.01CheckRequest | Inner-bank System can send a CheckRequest message to Front-end Processor when needed, which can check the operating status and loading condition of Front-end Processor. Upon receiving the CheckRequest message, Front-end Processor will send a CheckResponse message to Inner-bank System. Upon receiving the CheckResponse message, Inner-bank System can send subsequent messages to one available server with a smaller load factor. |
| ccms.992.002.01CheckResponse | Inner-bank System can send a CheckRequest message to Front-end Processor when needed, which can check the operating status and loading condition of Front-end Processor. Upon receiving the CheckRequest message, Front-end Processor will send a CheckResponse message to Inner-bank System. Upon receiving the CheckResponse message, Inner-bank System can send subsequent messages to one available server with a smaller load factor. |

1. <cips.901.001.01> ParticipantInformationChangeNotice
	1. MessageDefinition Functionality
		1. **Scope**

CIPS can send this message to corresponding Participants to inform the Participants of the bilateral initiator limit for net settlement, which will become effective on the next day.

* + 1. **Usage**

CIPS can send this message to corresponding Participants to inform the Participants of the bilateral initiator limit for net settlement, which will become effective on the next day.

* + 1. **Outline**

The ParticipantInformationChangeNotice MessageDefinition is composed of 2 MessageBuildingBlocks:

**A. MessageIdentification**

**B. ProprietaryData**

* 1. Structure

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **ISO20022 Mult.** | **ISO20022 Type** | **CIPS Mult.** | **CIPS Type** | **Constr. No.** |
|  | Message root  | <AdmstnPrtryMsg> | [1..1] |  | [1..1] |  |  |
|  | --MessageIdentification | <MsgId> | [0..1] |  | [1..1] |  |  |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | --ProprietaryData | <PrtryData> | [1..1] |  | [1..1] |  |  |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text | C1 |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------CreationDateTime | <CreDtTm> |  |  | [1..1] | ISODateTime |  |
|  | ------ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  | ------ChangeInformation | <ChngInf> |  |  | [1..n] |  |  |
|  | --------ChangeType | <ChngTp> |  |  | [1..1] | ChangeCode (Max4Text) | C2 |
|  | --------MemberIdentification (ParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |
|  | --------MemberNameInChinese (ParticipantNameInChinese) | <MmbNmChn> |  |  | [1..1] | Max140Text | C3 |
|  | --------MemberNameInEnglish (ParticipantNameInEnglish) | <MmbNmEng> |  |  | [1..1] | Max140Text |  |
|  | --------CountryAndRegionCode | <CntyAndRgCd> |  |  | [1..1] | NationCode (Max4Text) |  |
|  | --------BankCategory(ParticipantQualificationIdentification) | <BankCatg> |  |  | [1..1] | BankCategory (Max4Text) | C4 |
|  | --------Custodian(CustodianBank) | <Cstd> |  |  | [0..1] | Max35Text |  |
|  | --------DomesticFlag | <DmtFlag> |  |  | [1..1] | DomesticFlag (Max4Text) | C5 |
|  | --------LEI | <Lei> |  |  | [0..1] | Max20Text |  |
|  | --------EffectiveDate(ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate | C6 |
|  | --------Telephone | <Tel> |  |  | [0..1] | Max30Text |  |
|  | --------AddressLine | <AdrLine> |  |  | [0..1] | Max490Text | C3 |
|  | --------ZipCode | <ZipCode> |  |  | [0..1] | Max16Text |  |
|  | --------Mail | <Mail> |  |  | [0..1] | Max256Text |  |
|  | --------Contact | <Contact> |  |  | [0..1] | Max140Text | C3 |

* 1. Constraints

C1 fixed as cips.901.001.01

C2 ADDD: added MODI: modified DELE: deleted

C3 Chinese characters allowed

C4 DRPT: direct participant IDPT: indirect participant

C5 DMPT: domestic participant OSPT: overseas participant

C6 ChangeEffectiveDate of addition, modification and deletion

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **MessageIdentification <MsgId>**

Presence: [0..1]

Definition:

MessageIdentification <MsgId> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |

* + - 1. Reference (MessageIdentification) <Ref>

Presence: [1..1]

Definition: Identification of the message

Datatype: Max35Text

* + 1. **ProprietaryData <PrtryData>**

Presence: [1..1]

Definition:

ProprietaryData <PrtryData> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | --CreationDateTime | <CreDtTm> |  |  | [1..1] | ISODateTime |  |
|  | ---ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  | ---ChangeInformation | <ChngInf> |  |  | [1..n] |  |  |
|  | --------ChangeType | <ChngTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------MemberIdentification (ParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |
|  | --------MemberNameInChinese (ParticipantNameInChinese) | <MmbNmChn> |  |  | [1..1] | Max140Text |  |
|  | --------MemberNameInEnglish (ParticipantNameInEnglish) | <MmbNmEng> |  |  | [1..1] | Max140Text |  |
|  | --------CountryAndRegionCode | <CntyAndRgCd> |  |  | [1..1] | NationCode (Max4Text) |  |
|  | --------BankCategory  (ParticipantQualificationIdentification) | <BankCatg> |  |  | [1..1] | BankCategory (Max4Text) |  |
|  | --------Custodian (CustodianBank) | <Cstd> |  |  | [0..1] | Max35Text |  |
|  | --------DomesticFlag | <DmtFlag> |  |  | [1..1] | DomesticFlag (Max4Text) |  |
|  | --------LEI | <Lei> |  |  | [0..1] | Max20Text |  |
|  | --------EffectiveDate  (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |
|  | --------Telephone | <Tel> |  |  | [0..1] | Max30Text |  |
|  | --------AddressLine | <AdrLine> |  |  | [0..1] | Max490Text |  |
|  | --------ZipCode | <ZipCode> |  |  | [0..1] | Max16Text |  |
|  | --------Mail | <Mail> |  |  | [0..1] | Max256Text |  |
|  | --------Contact | <Contact> |  |  | [0..1] | Max140Text |  |

* + - 1. Type (MessageType) <Tp>

Presence: [1..1]

Definition: Type of the message

Datatype: Max35Text

* + - 1. Data <Data>

Presence: [0..1]

Definition:

Data <Data> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ------CreationDateTime | <CreDtTm> |  |  | [1..1] | ISODateTime |  |
|  | ------ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  | ------ChangeInformation | <ChngInf> |  |  | [1..n] |  |  |
|  | --------ChangeType | <ChngTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------MemberIdentification (ParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |
|  | --------MemberNameInChinese  (ParticipantNameInChinese) | <MmbNmChn> |  |  | [1..1] | Max140Text |  |
|  | --------MemberNameInEnglish (ParticipantNameInEnglish) | <MmbNmEng> |  |  | [1..1] | Max140Text |  |
|  | --------CountryAndRegionCode | <CntyAndRgCd> |  |  | [1..1] | NationCode (Max4Text) |  |
|  | --------BankCategory  (ParticipantQualificationIdentification) | <BankCatg> |  |  | [1..1] | BankCategory (Max4Text) |  |
|  | --------Custodian (CustodianBank) | <Cstd> |  |  | [0..1] | Max35Text |  |
|  | --------DomesticFlag | <DmtFlag> |  |  | [1..1] | DomesticFlag (Max4Text) |  |
|  | --------LEI | <Lei> |  |  | [0..1] | Max20Text |  |
|  | --------EffectiveDate  (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |
|  | --------Telephone | <Tel> |  |  | [0..1] | Max30Text |  |
|  | --------AddressLine | <AdrLine> |  |  | [0..1] | Max490Text |  |
|  | --------ZipCode | <ZipCode> |  |  | [0..1] | Max16Text |  |
|  | --------Mail | <Mail> |  |  | [0..1] | Max256Text |  |
|  | --------Contact | <Contact> |  |  | [0..1] | Max140Text |  |

* + - * 1. CreationDateTime <CreDtTm>

Presence:

Definition: Date and time at which the message was created

* + - * 1. ChangeNumber <ChngNb>

Presence:

Definition: Number of change periods

* + - * 1. ChangeInformation <ChngInf>

Presence:

Definition: Information about change

ChangeInformation <ChngInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --------ChangeType | <ChngTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------MemberIdentification (ParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |
|  | --------MemberNameInChinese (ParticipantNameInChinese) | <MmbNmChn> |  |  | [1..1] | Max140Text |  |
|  | --------MemberNameInEnglish (ParticipantNameInEnglish) | <MmbNmEng> |  |  | [1..1] | Max140Text |  |
|  | --------CountryAndRegionCode | <CntyAndRgCd> |  |  | [1..1] | NationCode (Max4Text) |  |
|  | --------BankCategory (ParticipantQualificationIdentification) | <BankCatg> |  |  | [1..1] | BankCategory(Max4Text) |  |
|  | --------Custodian (CustodianBank) | <Cstd> |  |  | [0..1] | Max35Text |  |
|  | --------DomesticFlag | <DmtFlag> |  |  | [1..1] | DomesticFlag(Max4Text) |  |
|  | --------LEI | <Lei> |  |  | [0..1] | Max20Text |  |
|  | --------EffectiveDate (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |
|  | --------Telephone | <Tel> |  |  | [0..1] | Max30Text |  |
|  | --------AddressLine  | <AdrLine> |  |  | [0..1] | Max490Text |  |
|  | --------ZipCode | <ZipCode> |  |  | [0..1] | Max16Text |  |
|  | --------Mail | <Mail> |  |  | [0..1] | Max256Text |  |
|  | --------Contact | <Contact> |  |  | [0..1] | Max140Text |  |

ChangeType <ChngTp>

Presence:

Definition: Type of change

MemberIdentification (ParticipantIdentification) <MmbId>

Presence:

Definition: Identification of a participant involved

MemberNameInChinese (ParticipantNameInChinese) <MmbNmChn>

Presence:

Definition: Chinese name of a participant (bank) involved

MemberNameInEnglish (ParticipantNameInEnglish) <MmbNmEng>

Presence:

Definition: English name of a participant (bank) involved

CountryAndRegionCode <CntyAndRgCd>

Presence:

Definition: Code of a country or region involved

BankCategory (ParticipantQualificationIdentification) <BankCatg>

Presence:

Definition: Identification of the qualification of a participant involved

Custodian (CustodianBank) <Cstd>

Presence:

Definition: Custodian bank for funds

DomesticFlag <DmtFlag>

Presence:

Definition: Identification for a domestic participant involved

LEI <Lei>

Presence:

Definition: Legal entity identifier

EffectiveDate (ChangeEffectiveDate) <FctvDt>

Presence:

Definition: Date on which the change will become effective

Telephone <Tel>

Presence:

Definition: Telephone number for contact

AddressLine <AdrLine>

Presence:

Definition: Address for posting

ZipCode <ZipCode>

Presence:

Definition: Code for posting

Mail <Mail>

Presence:

Definition: Email address

Contact <Contact>

Presence:

Definition: Person for contacting

1. <cips.902.001.01> BusinessAuthorityModificationNotice
	1. MessageDefinition Functionality
		1. **Scope**

CIPS sends business authority modification notice to all Direct Participants. Message contents contain all the data related to the modification.

* + 1. **Usage**

CIPS sends business authority modification notice to all Direct Participants. Message contents contain all the data related to the modification.

* + 1. **Outline**

The BusinessAuthorityModificationNotice MessageDefinition is composed of 2 MessageBuildingBlocks:

**A. MessageIdentification**

**B. ProprietaryData**

* 1. Structure

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **ISO20022 Mult.** | **ISO20022 Type** | **CIPS Mult.** | **CIPS Type** | **Constr. No.** |
|  | Message root  | <AdmstnPrtryMsg> | [1..1] |  | [1..1] |  |  |
|  | --MessageIdentification | <MsgId> | [0..1] |  | [1..1] |  |  |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | --ProprietaryData | <PrtryData> | [1..1] |  | [1..1] |  |  |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text | C1 |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------AuthorityInformation(ParticipantAuthorityInformation) | <AuthrtyInf> |  |  | [1..n] |  |  |
|  | --------InitiateParticipant(ParticipantIdentification) | <InitPtcpt> |  |  | [1..1] | Max35Text |  |
|  | --------SendBusinessAuthorityInformation | <SndBizAuthrtyInf> |  |  | [0..1] |  |  |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |
|  | --------ReceiveBusinessAuthorityInformation | <RcvBizAuthrtyInf> |  |  | [0..1] |  |  |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |

* 1. Constraints

C1 fixed as cips.902.001.01

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **MessageIdentification <MsgId>**

Presence: [0..1]

Definition:

MessageIdentification <MsgId> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |

* + - 1. Reference (MessageIdentification) <Ref>

Presence: [1..1]

Definition: Identification of the message

Datatype: Max35Text

* + 1. **ProprietaryData <PrtryData>**

Presence: [1..1]

Definition:

ProprietaryData <PrtryData> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------AuthorityInformation (ParticipantAuthorityInformation) | <AuthrtyInf> |  |  | [1..n] |  |  |
|  | --------InitiateParticipant (ParticipantIdentification) | <InitPtcpt> |  |  | [1..1] | Max35Text |  |
|  | --------SendBusinessAuthorityInformation | <SndBizAuthrtyInf> |  |  | [0..1] |  |  |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |
|  | ---ReceiveBusinessAuthorityInformation | <RcvBizAuthrtyInf> |  |  | [0..1] |  |  |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |

* + - 1. Type (MessageType) <Tp>

Presence: [1..1]

Definition: Type of the message

Datatype: Max35Text

* + - 1. Data <Data>

Presence: [0..1]

Definition:

Data <Data> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ------AuthorityInformation (ParticipantAuthorityInformation) | <AuthrtyInf> |  |  | [1..n] |  |  |
|  | --------InitiateParticipant (ParticipantIdentification) | <InitPtcpt> |  |  | [1..1] | Max35Text |  |
|  | -----SendBusinessAuthorityInformation | <SndBizAuthrtyInf> |  |  | [0..1] |  |  |
|  | -------MessageType | <MT> |  |  | [0..n] | Max35Text |  |
|  | ----ReceiveBusinessAuthorityInformation | <RcvBizAuthrtyInf> |  |  | [0..1] |  |  |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |

* + - * 1. AuthorityInformation (ParticipantAuthorityInformation) <AuthrtyInf>

Presence:

Definition: Information about the authority of a participating institution invovled

AuthorityInformation (ParticipantAuthorityInformation) <AuthrtyInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --------InitiateParticipant (ParticipantIdentification) | <InitPtcpt> |  |  | [1..1] | Max35Text |  |
|  | ----SendBusinessAuthorityInformation | <SndBizAuthrtyInf> |  |  | [0..1] |  |  |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |
|  | ----ReceiveBusinessAuthorityInformation | <RcvBizAuthrtyInf> |  |  | [0..1] |  |  |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |

InitiateParticipant (ParticipantIdentification) <InitPtcpt>

Presence:

Definition: Identification of a participating institution involved

SendBusinessAuthorityInformation <SndBizAuthrtyInf>

Presence:

Definition: Information about the sending authority

SendBusinessAuthorityInformation <SndBizAuthrtyInf> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |

MessageType <MT>

Presence:

Definition: Type of the message

ReceiveBusinessAuthorityInformation <RcvBizAuthrtyInf>

Presence:

Definition: Information about the receiving authority

ReceiveBusinessAuthorityInformation <RcvBizAuthrtyInf> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----------MessageType | <MT> |  |  | [0..n] | Max35Text |  |

MessageType <MT>

Presence:

Definition: Type of the message

1. <cips.903.001.01> DigitalCertificateBindingNotice
	1. MessageDefinition Functionality
		1. **Scope**

Participants send this message to CIPS when they update their digital certificates. New digital certificates should be used to sign this message, which contains the public key of the digital certificate. Upon receiving, CIPS will broadcast this message to all Participants. Participants can then obtain the public key, validation date and other necessary information from this message.

* + 1. **Usage**

Participants send this message to CIPS when they update their digital certificates. New digital certificates should be used to sign this message, which contains the public key of the digital certificate. Upon receiving, CIPS will broadcast this message to all Participants. Participants can then obtain the public key, validation date and other necessary information from this message.

* + 1. **Outline**

The DigitalCertificateBindingNotice MessageDefinition is composed of 3 MessageBuildingBlocks:

**A. MessageIdentification**

**B. Other**

**C. ProprietaryData**

* 1. Structure

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **ISO20022 Mult.** | **ISO20022 Type** | **CIPS Mult.** | **CIPS Type** | **Constr. No.** |
|  | Message root  | <AdmstnPrtryMsg> | [1..1] |  | [1..1] |  |  |
|  | --MessageIdentification | <MsgId> | [0..1] |  | [1..1] |  |  |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | --Other | <Othr> | [0..1] |  | [1..1] |  |  |
|  | ----Reference (CreationDateTime) | <Ref> | [1..1] | Max35Text | [1..1] | ISODateTime |  |
|  | --ProprietaryData | <PrtryData> | [1..1] |  | [1..1] |  |  |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text | C1 |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------CertificateNotificationInformation | <CertNtfctnInf> |  |  | [1..1] |  |  |
|  | --------ChangeType | <ChgTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------MemberIdentification(ChangeParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |

* 1. Constraints

C1 fixed as cips.903.001.01

C2 ADDD: added DELE: deleted

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **MessageIdentification <MsgId>**

Presence: [0..1]

Definition:

MessageIdentification <MsgId> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Reference  (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |

* + - 1. Reference (MessageIdentification) <Ref>

Presence: [1..1]

Definition: Identification of the message

Datatype: Max35Text

* + 1. **Other <Othr>**

Presence: [0..1]

Definition:

Other <Othr> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Reference  (CreationDateTime) | <Ref> | [1..1] | Max35Text | [1..1] | ISODateTime |  |

* + - 1. Reference (CreationDateTime) <Ref>

Presence: [1..1]

Definition: Date and time at which the message was created

Datatype: Max35Text

* + 1. **ProprietaryData <PrtryData>**

Presence: [1..1]

Definition:

ProprietaryData <PrtryData> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------CertificateNotificationInformation | <CertNtfctnInf> |  |  | [1..1] |  |  |
|  | --------ChangeType | <ChgTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------MemberIdentification (ChangeParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |

* + - 1. Type (MessageType) <Tp>

Presence: [1..1]

Definition: Type of the message

Datatype: Max35Text

* + - 1. Data <Data>

Presence: [0..1]

Definition:

Data <Data> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ------CertificateNotificationInformation | <CertNtfctnInf> |  |  | [1..1] |  |  |
|  | --------ChangeType | <ChgTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------MemberIdentification (ChangeParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |

* + - * 1. CertificateNotificationInformation <CertNtfctnInf>

Presence:

Definition:

CertificateNotificationInformation <CertNtfctnInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --------ChangeType | <ChgTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------MemberIdentification (ChangeParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |

ChangeType <ChgTp>

Presence:

Definition: Type of change

MemberIdentification (ChangeParticipantIdentification) <MmbId>

Presence:

Definition: Identification of a participating institution involved in the change

1. <cips.904.001.01> SystemParametersChangeNotice
	1. MessageDefinition Functionality
		1. **Scope**

Operational staff may set different business parameters respectively according to the management needs. When the parameters are changed, they will be confirmed by CIPS before broadcasting this message to all Participants. Depending on specific needs, the effective date could be either immediate or upon further consideration.

* + 1. **Usage**

Operational staff may set different business parameters respectively according to the management needs. When the parameters are changed, they will be confirmed by CIPS before broadcasting this message to all Participants. Depending on specific needs, the effective date could be either immediate or upon further consideration.

* + 1. **Outline**

The SystemParametersChangeNotice MessageDefinition is composed of 2 MessageBuildingBlocks:

**A. MessageIdentification**

**B. ProprietaryData**

* 1. Structure

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **ISO20022 Mult.** | **ISO20022 Type** | **CIPS Mult.** | **CIPS Type** | **Constr. No.** |
|  | Message root  | <AdmstnPrtryMsg> | [1..1] |  | [1..1] |  |  |
|  | --MessageIdentification | <MsgId> | [0..1] |  | [1..1] |  |  |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | --ProprietaryData | <PrtryData> | [1..1] |  | [1..1] |  |  |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text | C1 |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  | ------ChangeRecordNumber | <ChngRcrdNb> |  |  | [1..1] | Max8NumericText |  |
|  | ------EffectiveInformaiton | <FctvInf> |  |  | [1..1] |  |  |
|  | --------EffectiveType | <FctvTp> |  |  | [1..1] | EffectiveCode (Max4Text) | C2 |
|  | --------EffectiveDate(ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |
|  | ------SystemParameterInformation | <SysParamInf> |  |  | [1..n] |  |  |
|  | --------ChangeType | <ChgTp> |  |  | [1..1] | ChangeCode (Max4Text) | C3 |
|  | --------CommonDataType | <CmonDataTp> |  |  | [1..1] | CommonDataCode (Max4Text) |  |
|  | --------CommonDataCode | <CmonDataCd> |  |  | [1..1] | Max8Text |  |
|  | --------CommonDataNameInChinese | <CmonDataNmChn> |  |  | [1..1] | Max60Text | C4 |
|  | --------CommonDataNameInEnglish | <CmonDataNmEng> |  |  | [0..1] | Max60Text |  |
|  | --------CommonDataValue | <CmonDataVal> |  |  | [1..1] | Max256Text |  |

* 1. Constraints

C1 fixed as cips.904.001.01

C2 EFIM: effective immediately EFSD: effective from the specified date

C3 ADDD: added MODI: modified DELE: deleted

C4 Chinese characters allowed

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **MessageIdentification <MsgId>**

Presence: [0..1]

Definition:

MessageIdentification <MsgId> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |

* + - 1. Reference (MessageIdentification) <Ref>

Presence: [1..1]

Definition: Identification of the message

Datatype: Max35Text

* + 1. **ProprietaryData <PrtryData>**

Presence: [1..1]

Definition:

ProprietaryData <PrtryData> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  | ------ChangeRecordNumber | <ChngRcrdNb> |  |  | [1..1] | Max8NumericText |  |
|  | ------EffectiveInformaiton | <FctvInf> |  |  | [1..1] |  |  |
|  | --------EffectiveType | <FctvTp> |  |  | [1..1] | EffectiveCode (Max4Text) |  |
|  | --------EffectiveDate (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |
|  | ------SystemParameterInformation | <SysParamInf> |  |  | [1..n] |  |  |
|  | --------ChangeType | <ChgTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------CommonDataType | <CmonDataTp> |  |  | [1..1] | CommonDataCode (Max4Text) |  |
|  | --------CommonDataCode | <CmonDataCd> |  |  | [1..1] | Max8Text |  |
|  | --------CommonDataNameInChinese | <CmonDataNmChn> |  |  | [1..1] | Max60Text |  |
|  | --------CommonDataNameInEnglish | <CmonDataNmEng> |  |  | [0..1] | Max60Text |  |
|  | --------CommonDataValue | <CmonDataVal> |  |  | [1..1] | Max256Text |  |

* + - 1. Type (MessageType) <Tp>

Presence: [1..1]

Definition: Type of the message

Datatype: Max35Text

* + - 1. Data <Data>

Presence: [0..1]

Definition:

Data <Data> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ------ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  | ------ChangeRecordNumber | <ChngRcrdNb> |  |  | [1..1] | Max8NumericText |  |
|  | ------EffectiveInformaiton | <FctvInf> |  |  | [1..1] |  |  |
|  | --------EffectiveType | <FctvTp> |  |  | [1..1] | EffectiveCode (Max4Text) |  |
|  | --------EffectiveDate (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |
|  | ------SystemParameterInformation | <SysParamInf> |  |  | [1..n] |  |  |
|  | --------ChangeType | <ChgTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------CommonDataType | <CmonDataTp> |  |  | [1..1] | CommonDataCode (Max4Text) |  |
|  | --------CommonDataCode | <CmonDataCd> |  |  | [1..1] | Max8Text |  |
|  | --------CommonDataNameInChinese | <CmonDataNmChn> |  |  | [1..1] | Max60Text |  |
|  | --------CommonDataNameInEnglish | <CmonDataNmEng> |  |  | [0..1] | Max60Text |  |
|  | --------CommonDataValue | <CmonDataVal> |  |  | [1..1] | Max256Text |  |

* + - * 1. ChangeNumber <ChngNb>

Presence:

Definition: Number of the change periods

* + - * 1. ChangeRecordNumber <ChngRcrdNb>

Presence:

Definition: Number of the change records

* + - * 1. EffectiveInformaiton <FctvInf>

Presence:

Definition:

EffectiveInformaiton <FctvInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --------EffectiveType | <FctvTp> |  |  | [1..1] | EffectiveCode (Max4Text) |  |
|  | --------EffectiveDate (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |

EffectiveType (ChangeEffectiveDate) <FctvTp>

Presence:

Definition: Type for the change to become effective

EffectiveDate (ChangeEffectiveDate) <FctvDt>

Presence:

Definition: Date on which the change will become effective

* + - * 1. SystemParameterInformation <SysParamInf>

Presence:

Definition: Information about system parameters

SystemParameterInformation <SysParamInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --------ChangeType | <ChgTp> |  |  | [1..1] | ChangeCode (Max4Text) |  |
|  | --------CommonDataType | <CmonDataTp> |  |  | [1..1] | CommonDataCode (Max4Text) |  |
|  | --------CommonDataCode | <CmonDataCd> |  |  | [1..1] | Max8Text |  |
|  | ------CommonDataNameInChinese | <CmonDataNmChn> |  |  | [1..1] | Max60Text |  |
|  | -------CommonDataNameInEnglish | <CmonDataNmEng> |  |  | [0..1] | Max60Text |  |
|  | --------CommonDataValue | <CmonDataVal> |  |  | [1..1] | Max256Text |  |

ChangeType <ChgTp>

Presence:

Definition: Type of change

CommonDataType <CmonDataTp>

Presence:

Definition: Type of common data

CommonDataCode <CmonDataCd>

Presence:

Definition: Code of common data

CommonDataNameInChinese <CmonDataNmChn>

Presence:

Definition: Chinese name of common data

CommonDataNameInEnglish <CmonDataNmEng>

Presence:

Definition: English name of Common data

CommonDataValue <CmonDataTp>

Presence:

Definition: Value of common data

1. <cips.906.001.01> IndirectParticipant’sDirectParticipantChangeNotice
	1. MessageDefinition Functionality
		1. **Scope**

When a business relationship formed previously between a Direct Participant and an Indirect Participant is changed and approved by relevant business authority, CIPS will broadcast this message to all Participants to inform them of the change.

* + 1. **Usage**

When a business relationship formed previously between a Direct Participant and an Indirect Participant is changed and approved by relevant business authority, CIPS will broadcast this message to all Participants to inform them of the change.

* + 1. **Outline**

The IndirectParticipant’sDirectParticipantChangeNotice MessageDefinition is composed of 2 MessageBuildingBlocks:

**A. MessageIdentification**

**B. ProprietaryData**

* 1. Structure

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **=** | **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **ISO20022 Mult.** | **ISO20022 Type** | **CIPS Mult.** | **CIPS Type** | **Constr. No.** |
|  |  | Message root  | <AdmstnPrtryMsg> | [1..1] |  | [1..1] |  |  |
|  |  | --MessageIdentification | <MsgId> | [0..1] |  | [1..1] |  |  |
|  |  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  |  | --ProprietaryData | <PrtryData> | [1..1] |  | [1..1] |  |  |
|  |  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text | C1 |
|  |  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  |  | ------CreationDateTime | <CreDtTm> |  |  | [1..1] | ISODateTime |  |
|  |  | ------ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  |  | ------ChangeInformation | <ChngInf> |  |  | [1..n] |  |  |
|  |  | --------ChangeType | <ChngTp> |  |  | [1..1] | ChangeCode | C2 |
|  |  | --------MemberIdentification (ParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |
|  |  | --------DirectBankCode(DirectParticipantIdentification) | <DrctBkCd> |  |  | [1..1] | Max35Text |  |
|  |  | --------EffectiveDate (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate | C3 |

* 1. Constraints

C1 fixed as cips.906.001.01

C2 ADDD: added DELE: deleted

C3 ChangeEffectiveDate of addition and deletion

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **MessageIdentification <MsgId>**

Presence: [0..1]

Definition:

MessageIdentification <MsgId> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |

* + - 1. Reference (MessageIdentification) <Ref>

Presence: [1..1]

Definition: Identification of the message

Datatype: Max35Text

* + 1. **ProprietaryData <PrtryData>**

Presence: [1..1]

Definition:

ProprietaryData <PrtryData> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------CreationDateTime | <CreDtTm> |  |  | [1..1] | ISODateTime |  |
|  | ------ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  | ------ChangeInformation | <ChngInf> |  |  | [1..n] |  |  |
|  | --------ChangeType | <ChngTp> |  |  | [1..1] | ChangeCode |  |
|  | --------MemberIdentification (ParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |
|  | --------DirectBankCode (DirectParticipantIdentification) | <DrctBkCd> |  |  | [1..1] | Max35Text |  |
|  | --------EffectiveDate (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |

* + - 1. Type (MessageType) <Tp>

Presence: [1..1]

Definition: Type of the message

Datatype: Max35Text

* + - 1. Data <Data>

Presence: [0..1]

Definition:

Data <Data> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ------CreationDateTime | <CreDtTm> |  |  | [1..1] | ISODateTime |  |
|  | ------ChangeNumber | <ChngNb> |  |  | [1..1] | Exact8NumericText |  |
|  | ------ChangeInformation | <ChngInf> |  |  | [1..n] |  |  |
|  | --------ChangeType | <ChngTp> |  |  | [1..1] | ChangeCode |  |
|  | --------MemberIdentification (ParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |
|  | --------DirectBankCode (DirectParticipantIdentification) | <DrctBkCd> |  |  | [1..1] | Max35Text |  |
|  | --------EffectiveDate (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |

* + - * 1. CreationDateTime <CreDtTm>

Presence:

Definition: Date and time at which the message was created

* + - * 1. ChangeNumber <ChngNb>

Presence:

Definition: Number of change periods

* + - * 1. ChangeInformation <ChngInf>

Presence:

Definition: Information about change

ChangeInformation <ChngInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --------ChangeType | <ChngTp> |  |  | [1..1] | ChangeCode |  |
|  | --------MemberIdentification (ParticipantIdentification) | <MmbId> |  |  | [1..1] | Max35Text |  |
|  | --------DirectBankCode (DirectParticipantIdentification) | <DrctBkCd> |  |  | [1..1] | Max35Text |  |
|  | --------EffectiveDate (ChangeEffectiveDate) | <FctvDt> |  |  | [1..1] | ISODate |  |

ChangeType <ChngTp>

Presence:

Definition: Type of change

MemberIdentification (ParticipantIdentification) <MmbId>

Presence:

Definition: Identification of a participant involved

DirectBankCode (DirectParticipantIdentification) <DrctBkCd>

Presence:

Definition: Identification of a direct participant involved

EffectiveDate (ChangeEffectiveDate) <FctvDt>

Presence:

Definition: Date on which the change will become effective

1. <cips.914.001.01> RequestToDownloadDigitalCertificate
	1. MessageDefinition Functionality
		1. **Scope**

Participants can send this message to CIPS to request for downloads of digital certificates of all or part of the Participants.

* + 1. **Usage**

Participants can send this message to CIPS to request for downloads of digital certificates of all or part of the Participants.

* + 1. **Outline**

The RequestToDownloadDigitalCertificate MessageDefinition is composed of 2 MessageBuildingBlocks:

**A. MessageIdentification**

Set of characteristics shared by all individual transactions included in the message.

**B. ProprietaryData**

Set of elements providing information specific to individual credit transfers.

* 1. Structure

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **ISO20022 Mult.** | **ISO20022 Type** | **CIPS Mult.** | **CIPS Type** | **Constr. No.** |
|  | Message root  | <AdmstnPrtryMsg> | [1..1] |  | [1..1] |  |  |
|  | --MessageIdentification | <MsgId> | [0..1] |  | [1..1] |  |  |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | --ProprietaryData | <PrtryData> | [1..1] |  | [1..1] |  |  |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text | C1 |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------CertificationCount(RequestedDigitalCertificateCount) | <CertfctnCnt> |  |  | [1..1] | Max8NumericText |  |
|  | ------CertificationList(RequestedCertificateList) | <CertfctnList> |  |  | [1..1] |  |  |
|  | --------MemberCode(DirectParticipantIdentification) | <MmbCd> |  |  | [1..n] | Max35Text |  |

* 1. Constraints

C1 fixed as cips.914.001.01

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **MessageIdentification <MsgId>**

Presence: [0..1]

Definition:

MessageIdentification <MsgId> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |

* + - 1. Reference (MessageIdentification) <Ref>

Presence: [1..1]

Definition: Identification of the message

Datatype: Max35Text

* + 1. **ProprietaryData <PrtryData>**

Presence: [1..1]

Definition:

ProprietaryData <PrtryData> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | ----Data | <Data> | [0..1] |  | [1..1] |  |  |
|  | ------CertificationCount (RequestedDigitalCertificateCount) | <CertfctnCnt> |  |  | [1..1] | Max8NumericText |  |
|  | ------CertificationList (RequestedCertificateList) | <CertfctnList> |  |  | [1..1] |  |  |
|  | --------MemberCode (DirectParticipantIdentification) | <MmbCd> |  |  | [1..n] | Max35Text |  |

* + - 1. Type (MessageType) <Tp>

Presence: [1..1]

Definition: Type of the message

Datatype: Max35Text

* + - 1. Data <Data>

Presence: [0..1]

Definition:

Data <Data> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ------CertificationCount (RequestedDigitalCertificateCount) | <CertfctnCnt> |  |  | [1..1] | Max8NumericText |  |
|  | ------CertificationList (RequestedCertificateList) | <CertfctnList> |  |  | [1..1] |  |  |
|  | --------MemberCode (DirectParticipantIdentification) | <MmbCd> |  |  | [1..n] | Max35Text |  |

* + - * 1. CertificationCount (RequestedDigitalCertificateCount) <CertfctnCnt>

Presence:

Definition: Count of the digital certificates that were requested

* + - * 1. CertificationList (RequestedCertificateList) <CertfctnList>

Presence:

Definition: List of the certificates that were requested

CertificationList (RequestedCertificateList) <CertfctnList> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --------MemberCode (DirectParticipantIdentification) | <MmbCd> |  |  | [1..n] | Max35Text |  |

MemberCode (DirectParticipantIdentification) <MmbCd>

Presence:

Definition: Identification of a direct participating institution involved

1. <cips.922.001.01> AutomaticVerification
	1. MessageDefinition Functionality
		1. **Scope**

CIPS sends this message to all Participants during a regular system check. Participants respond by sending CIPS a confirmation message.

* + 1. **Usage**

CIPS sends this message to all Participants during a regular system check. Participants respond by sending CIPS a confirmation message.

* + 1. **Outline**

The AutomaticVerification MessageDefinition is composed of 2 MessageBuildingBlocks:

**A. MessageIdentification**

**B. ProprietaryData**

* 1. Structure

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **ISO20022 Mult.** | **ISO20022 Type** | **CIPS Mult.** | **CIPS Type** | **Constr. No.** |
|  | Message root  | <AdmstnPrtryMsg> | [1..1] |  | [1..1] |  |  |
|  | --MessageIdentification | <MsgId> | [0..1] |  | [1..1] |  |  |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |
|  | --ProprietaryData | <PrtryData> | [1..1] |  | [1..1] |  |  |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text | C1 |

* 1. Constraints

C1 fixed as cips.922.001.01

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **MessageIdentification <MsgId>**

Presence: [0..1]

Definition:

MessageIdentification <MsgId> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Reference (MessageIdentification) | <Ref> | [1..1] | Max35Text | [1..1] | Max35Text |  |

* + - 1. Reference (MessageIdentification) <Ref>

Presence: [1..1]

Definition: Identification of the message

Datatype: Max35Text

* + 1. **ProprietaryData <PrtryData>**

Presence: [1..1]

Definition:

ProprietaryData <PrtryData> contains the following element:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | ----Type (MessageType) | <Tp> | [1..1] | Max35Text | [1..1] | Max35Text |  |

* + - 1. Type (MessageType) <Tp>

Presence: [1..1]

Definition: Type of the message

Datatype: Max35Text

1. <ccms.990.002.01> CommunicationLevelConfirmation
	1. MessageDefinition Functionality
		1. **Scope**

A communication-level acknowledgement of the business messages sent between the Participants and CIPS is required in order to ensure reliable transmission. A business message that generates no communication-level acknowledgement shall be considered as a message that has not been sent successfully.

* + 1. **Usage**

A communication-level acknowledgement of the business messages sent between the Participants and CIPS is required in order to ensure reliable transmission. A business message that generates no communication-level acknowledgement shall be considered as a message that has not been sent successfully.

* + 1. **Outline**

The CommunicationLevelConfirmation MessageDefinition is composed of 1 MessageBuildingBlock:

**A. ConfirmationInformation**

* 1. Structure

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **Mult.** | **Type** | **Constr. No.** |
|  | Message root | <ComConf> | [1..1] |  | C1 |
|  | ConfirmationInformation | <ConfInf> | [1..1] |  |  |
|  | --OrigSender | <OrigSndr> | [1..1] | Max35Text | C2 |
|  | --OrigSendDate | <OrigSndDt> | [1..1] | Max8Text | C3 |
|  | --MesgType | <MT> | [1..1] | Max20Text | C4 |
|  | --MessageIdentification (MesgID) | <MsgId> | [1..1] | Max20Text | C5 |
|  | --MessageReferenceIdentification (MesgRefID) | <MsgRefId> | [0..1] | Max20Text | C6 |
|  | --MessageProcessCode (ProcessStatus) | <MsgPrcCd> | [1..1] | Max8Text |  |

* 1. Constraints

C1 CommunicationConfirmation

C2 in case of response to the original message in XML format, filled as the OrigSender in the header of the message;

C3 in case of response to the original message in XML format, filled as the OrigSendDate in the header of the message;

C4 in case of response to the original message in XML format, filled as the MesgType in the header of the message;

C5 in case of response to the original message in XML format, filled as the MesgID in the header of the message;

C6 in case of response to the original message in XML format, filled as the MesgRefID in the header of the message;

C7 refer to Appendix 5 of Overview

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **ConfirmationInformation <ConfInf>**

Presence: [1..1]

Definition:

ConfirmationInformation <ConfInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --OrigSender | <OrigSndr> | [1..1] | Max35Text | [1..1] |  |  |
|  | --OrigSendDate | <OrigSndDt> | [1..1] | Max8Text | [1..1] | Max35Text |  |
|  | --MesgType | <MT> | [1..1] | Max20Text | [1..1] |  |  |
|  | --MessageIdentification (MesgID) | <MsgId> | [1..1] | Max20Text | [1..1] | Max35Text |  |
|  | --MessageReferenceIdentification (MesgRefID) | <MsgRefId> | [0..1] | Max20Text |  |  |  |
|  | --MessageProcessCode (ProcessStatus) | <MsgPrcCd> | [1..1] | Max8Text |  |  |  |

* + - 1. OrigSender <OrigSndr>

Presence: [1..1]

Definition: Sender of the message

Datatype: Max35Text

* + - 1. OrigSendDate <OrigSndDt>

Presence: [1..1]

Definition: Date on which the message was sent

Datatype: Max8Text

* + - 1. MesgType <MT>

Presence: [1..1]

Definition: Code for the type of the message

Datatype: Max20Text

* + - 1. MessageIdentification (MesgID) <MsgId>

Presence: [1..1]

Definition: Identification of the message at the communication level

Datatype: Max20Text

* + - 1. MessageReferenceIdentification (MesgRefID) <MsgRefId>

Presence: [0..1]

Definition: Reference number of the message at the communication level

Datatype: Max20Text

* + - 1. MessageProcessCode (ProcessStatus) <MsgPrcCd>

Presence: [1..1]

Definition: Processing status of the message

Datatype: Max8Text

1. <ccms.991.002.01> CheckRequest
	1. MessageDefinition Functionality
		1. **Scope**

The Check Request message can be sent by inhouse system to detect the operation status of the CAE and its loading condition. Upon receiving the message, the CAE will send a response message to the inhouse system so that it can send follow-up message to an available server with a smaller load.

* + 1. **Usage**

The Check Request message can be sent by inhouse system to detect the operation status of the CAE and its loading condition. Upon receiving the message, the CAE will send a response message to the inhouse system so that it can send follow-up message to an available server with a smaller load.

* + 1. **Outline**

The CheckRequest MessageDefinition is composed of 2 MessageBuildingBlocks:

**A. CheckInformation**

**B. SendServicerManagementInformation**

* 1. Structure

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **Mult.** | **Type** | **Constr. No.** |
|  | Message root | <ChckReq> | [1..1] |  | C1 |
|  | CheckInformation | <ChckInf> | [1..1] |  |  |
|  | --SendNode | <SndNd> | [1..1] | Max35Text | C2 |
|  | --SendServicerName | <SndSvcrNm> | [1..1] | Max20Tex |
|  | --SendLineManagerName | <SndLineMgrNm> | [1..1] | Max48Text | C3 |
|  | --SendRoadName | <SndRoadNm> | [1..1] | Max20Text | C4 |
|  | --SendDate | <SndDt> | [1..1] | Max23Text | C5 |
|  | --ReceiveNode | <RcvNd> | [1..1] | Max35Text | C6 |
|  | --ReceiveServicerName | <RcvSvcrNm> | [1..1] | Max20Text | C6 |
|  | --ReceiveLineManager | <RcvLineMgr> | [1..1] | Max48Text | C7 |
|  | --ResponseLineName(CAEsideCheckResponseMessagePlacementLineName) | <RspnLineNm> | [1..1] | Max48Text | C8 |
|  | SendServicerManagementInformation | <SndSvcrMgmtInf> | [1..1] |  |  |
|  | --SendServicerReceiveStatus | <SndSvcrRcvSts> | [1..1] | Exact1NumericText | C9 |
|  | --SendNodeManagementStatus | <SndNdMgmtSts> | [0..1] | Exact1NumericText | C10 |
|  | --ReceiveNodeManageStatus | <RcvNdMgmtSts> | [0..1] | Exact1NumericText | C10 |

* 1. Constraints

C1 CheckRequest

C2 used to distinguish nodes from servers in a bank when the bank has multiple servers

C3 inner-bank queue manager name, shown in Note 1

C4 refer to Note 2

C5 Long-type time (0), shown in Note 3

C6 “current node” item in configuration of front-end processor

C7 local queue manager in configuration of Front-end Processor, shown in Note 1

C8 upon receipt ofreceiving this message, Front-end Processor should send the queue name of the response message

C9 fixed as “1”

10 not to be filled for a commercial bank

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **CheckInformation <ChckInf>**

Presence: [1..1]

Definition:

CheckInformation <ChckInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --SendNode | <SndNd> | [1..1] | Max35Text | [1..1] |  |  |
|  | --SendServicerName | <SndSvcrNm> | [1..1] | Max20Tex | [1..1] | Max35Text |  |
|  | --SendLineManagerName | <SndLineMgrNm> | [1..1] | Max48Text | [1..1] |  |  |
|  | --SendRoadName | <SndRoadNm> | [1..1] | Max20Text | [1..1] | Max35Text |  |
|  | --SendDate | <SndDt> | [1..1] | Max23Text |  |  |  |
|  | --ReceiveNode | <RcvNd> | [1..1] | Max35Text |  |  |  |
|  | --ReceiveServicerName | <RcvSvcrNm> | [1..1] | Max20Text |  |  |  |
|  | --ReceiveLineManager | <RcvLineMgr> | [1..1] | Max48Text |  |  |  |
|  | --ResponseLineName(CAEsideCheckResponseMessagePlacementLineName) | <RspnLineNm> | [1..1] | Max48Text |  |  |  |

* + - 1. SendNode <SndNd>

Presence: [1..1]

Definition: Sending node of the message

Datatype: Max35Text

* + - 1. SendServicerName <SndSvcrNm>

Presence: [1..1]

Definition: Name of sender server

Datatype: Max20Tex

* + - 1. SendLineManagerName <SndLineMgrNm>

Presence: [1..1]

Definition: Name of sender queue manager

Datatype: Max48Text

* + - 1. SendRoadName <SndRoadNm>

Presence: [1..1]

Definition: Name of sender channel

Datatype: Max20Text

* + - 1. SendDate <SndDt>

Presence: [1..1]

Definition: Time of sending

Datatype: Max23Text

* + - 1. ReceiveNode <RcvNd>

Presence: [1..1]

Definition: Node of receiving

Datatype: Max35Text

* + - 1. ReceiveServicerName <RcvSvcrNm>

Presence: [1..1]

Definition: Name of receiver server

Datatype: Max20Text

* + - 1. ReceiveLineManager <RcvLineMgr>

Presence: [1..1]

Definition: Receiver queue manager

Datatype: Max48Text

* + - 1. ResponseLineName (CAEsideCheckResponseMessagePlacementLineName) <RspnLineNm>

Presence: [1..1]

Definition: Name of the queue where a CAE-side CheckResponse message was placed

Datatype: Max48Text

* + 1. **SendServicerManagementInformation <SndSvcrMgmtInf>**

Presence: [1..1]

Definition:

SendServicerManagementInformation <SndSvcrMgmtInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --SendServicerReceiveStatus | <SndSvcrRcvSts> | [1..1] | Exact1NumericText |  |  |  |
|  | --SendNodeManagementStatus | <SndNdMgmtSts> | [0..1] | Exact1NumericText |  |  |  |
|  | --ReceiveNodeManageStatus | <RcvNdMgmtSts> | [0..1] | Exact1NumericText |  |  |  |

* + - 1. SendServicerReceiveStatus <SndSvcrRcvSts>

Presence: [1..1]

Definition: Receiving status of sender server

Datatype: Exact1NumericText

* + - 1. SendNodeManagementStatus <SndNdMgmtSts>

Presence: [0..1]

Definition: Management status of sender node

Datatype: Exact1NumericText

* + - 1. ReceiveNodeManageStatus <RcvNdMgmtSts>

Presence: [0..1]

Definition: Management status of receiver node

Datatype: Exact1NumericText

1. <ccms.992.002.01> CheckResponse
	1. MessageDefinition Functionality
		1. **Scope**

The Check Response message is sent by the CAE as a response to the Check Request message from the inhouse system so that it can send follow-up message to an available server with a smaller load.

* + 1. **Usage**

The Check Response message is sent by the CAE as a response to the Check Request message from the inhouse system so that it can send follow-up message to an available server with a smaller load.

* + 1. **Outline**

The CheckResponse MessageDefinition is composed of 2 MessageBuildingBlocks:

**A. CheckResponseInformation**

**B. LoadFactorInformation**

* 1. Structure

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Or** | **MessageElement/BuildingBlock** | **<XML Tag>** | **Mult.** | **Type** | **Constr. No.** |
|  | Message root | <ChckRspn> | [1..1] |  | **C1** |
|  | CheckResponseInformation | <ChckRspnInf> | [1..1] |  |  |
|  | --OrigSendNode | <OrigSndNd> | [1..1] | Max35Text |  |
|  | --OrigSendServicerName | <OrigSndSvsrNm> | [1..1] | Max20Text |  |
|  | --OrigSendLineManagerName | <OrigSndLineMgrNm> | [1..1] | Max48Text |  |
|  | --ReceiveRoadName | <RcvRoadNm> | [1..1] | Max20Text |  |
|  | --OrigSendDate(OriginalRequestMessageCreationDateTime) | <OrigSndDt> | [1..1] | Max23Text | C2 |
|  | --ResponseNode | <RspnNd> | [1..1] | Max35Text |  |
|  | --ResponseServicerName | <RspnSvcrNm> | [1..1] | Max20Text |  |
|  | --ResponseLineManager | <RspnLineMgr> | [1..1] | Max48Text |  |
|  | --ReceiveLineName (ReceiveRemoteLineName) | <RcvLineNm> | [0..1] | Max48Text |  |
|  | LoadFactorInformation | <LdFctrInf> | [1..n] |  |  |
|  | --ResponseLocalLineName | <RspnLclLineNm> | [1..1] | Max48Text |  |
|  | --LoadFactor | <LdFctr> | [1..1] | Max16Text | C3 |

* 1. Constraints

C1 CheckResponse

C2 Long-type, to be converted during presentation

C3 Pressure of the checked server, smallest when the value is 0 (the greater the value is, the greater the pressure is)

* 1. Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

* + 1. **CheckResponseInformation <ChckRspnInf>**

Presence: [1..1]

Definition:

CheckResponseInformation <ChckRspnInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --OrigSendNode | <OrigSndNd> | [1..1] | Max35Text | [1..1] |  |  |
|  | --OrigSendServicerName | <OrigSndSvsrNm> | [1..1] | Max20Text | [1..1] | Max35Text |  |
|  | --OrigSendLineManagerName | <OrigSndLineMgrNm> | [1..1] | Max48Text | [1..1] |  |  |
|  | --ReceiveRoadName | <RcvRoadNm> | [1..1] | Max20Text | [1..1] | Max35Text |  |
|  | --OrigSendDate (OriginalRequestMessageCreationDateTime) | <OrigSndDt> | [1..1] | Max23Text |  |  |  |
|  | --ResponseNode | <RspnNd> | [1..1] | Max35Text |  |  |  |
|  | --ResponseServicerName | <RspnSvcrNm> | [1..1] | Max20Text |  |  |  |
|  | --ResponseLineManager | <RspnLineMgr> | [1..1] | Max48Text |  |  |  |
|  | --ReceiveLineName (ReceiveRemoteLineName) | <RcvLineNm> | [0..1] | Max48Text |  |  |  |

* + - 1. OrigSendNode <OrigSndNd>

Presence: [1..1]

Definition: Sending node of the original message

Datatype: Max35Text

* + - 1. OrigSendServicerName <OrigSndSvsrNm>

Presence: [1..1]

Definition: Name of the original sender server

Datatype: Max20Text

* + - 1. OrigSendLineManagerName <OrigSndLineMgrNm>

Presence: [1..1]

Definition: Name of the original sender queue manager

Datatype: Max48Text

* + - 1. ReceiveRoadName <RcvRoadNm>

Presence: [1..1]

Definition: Name of receiver channel, namely name of the original sender channel

Datatype: Max20Text

* + - 1. OrigSendDate (OriginalRequestMessageCreationDateTime) <OrigSndDt>

Presence: [1..1]

Definition: Time at which the original CheckRequest message was created

Datatype: Max23Text

* + - 1. ResponseNode <RspnNd>

Presence: [1..1]

Definition: Node of response

Datatype: Max35Text

* + - 1. ResponseServicerName <RspnSvcrNm>

Presence: [1..1]

Definition: Name of response server

Datatype: Max20Text

* + - 1. ResponseLineManager <RcvLineMgr>

Presence: [1..1]

Definition: Response queue manager

Datatype: Max48Text

* + - 1. ReceiveLineName (ReceiveRemoteLineName) <RcvLineNm>

Presence: [0..1]

Definition: Name of receiver-side remote queue

Datatype: Max48Text

* + 1. **LoadFactorInformation <LdFctrInf>**

Presence: [1..n]

Definition:

LoadFactorInformation <LdFctrInf> contains the following elements:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Or | MessageElement | <XML Tag> | ISO20022 Mult. | ISO20022 Type | CIPS Mult. | CIPS Type | Constr. No. |
|  | --OrigSendServicerName | <OrigSndSvsrNm> | [1..1] | Max20Text | [1..1] | Max35Text |  |
|  | --OrigSendLineManagerName | <OrigSndLineMgrNm> | [1..1] | Max48Text | [1..1] |  |  |
|  | --ReceiveRoadName | <RcvRoadNm> | [1..1] | Max20Text | [1..1] | Max35Text |  |
|  | --OrigSendDate (OriginalRequestMessageCreationDateTime) | <OrigSndDt> | [1..1] | Max23Text |  |  |  |
|  | --ResponseNode | <RspnNd> | [1..1] | Max35Text |  |  |  |
|  | --ResponseServicerName | <RspnSvcrNm> | [1..1] | Max20Text |  |  |  |
|  | --ResponseLineManager | <RspnLineMgr> | [1..1] | Max48Text |  |  |  |
|  | --ReceiveLineName (ReceiveRemoteLineName) | <RcvLineNm> | [0..1] | Max48Text |  |  |  |
|  | LoadFactorInformation | <LdFctrInf> | [1..n] |  |  |  |  |
|  | --ResponseLocalLineName | <RspnLclLineNm> | [1..1] | Max48Text |  |  |  |
|  | --LoadFactor | <LdFctr> | [1..1] | Max16Text |  |  |  |

* + - 1. ResponseLocalLineName <RspnLclLineNm>

Presence: [1..1]

Definition: Name of responder’s local queue

Datatype: Max48Text

* + - 1. LoadFactor <LdFctr>

Presence: [1..1]

Definition:

Datatype: Max16Text