BS ISO 9735-10:2014

BSI Standards Publication

Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 2)

Part 10: Syntax service directories

National foreword

This British Standard is the UK implementation of ISO 9735-10:2014. It supersedes BS ISO 9735-10:2002 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ICT/-/4, eBusiness coordination committee.

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INTERNATIONAL STANDARD

ISO 9735-10

Second edition
2014-12-15

Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 2) —

Part 10: Syntax service directories

Échange de données informatisé pour l'administration, le commerce et le transport (EDIFACT) — Règles de syntaxe au niveau de l'application (numéro de version de syntaxe: 4, numéro d'édition de syntaxe: 2) —

Partie 10: Annuaires de syntaxe

Reference number
ISO 9735-10:2014(E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

ISO 9735-10 was prepared by Technical Committee ISO/TC 154, *Processes, data elements and documents in commerce, industry and administration*, in collaboration with UN/CEFACT through the Joint Syntax Working Group.

This second edition cancels and replaces the first edition (ISO 9735-10:2002), which has been technically revised. The principle changes are as follows:

— Annex A has been revised to implement all syntax code releases since publication of the first edition;

— the representation of data element 0536 "Certificate reference" has been amended from "an..35" to "an..70".

ISO 9735 consists of the following parts[1], under the general title *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 2)*[2]*:*

— *Part 1: Syntax rules common to all parts*

— *Part 2: Syntax rules specific to batch EDI*

— *Part 3: Syntax rules specific to interactive EDI*

— *Part 4: Syntax and service report message for batch EDI (message type — CONTRL)*

— *Part 5: Security rules for batch EDI (authenticity, integrity and non-repudiation of origin)*

— *Part 6: Secure authentication and acknowledgement message (message type — AUTACK)*

— *Part 7: Security rules for batch EDI (confidentiality)*

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1) Further parts may be added in the future.

2) Publication of this new edition of ISO 9735-10 means that the syntax release number in the general title is increased from "1" to "2".

— *Part 8: Associated data in EDI*

— *Part 9: Security key and certificate management message (message type — KEYMAN)*

— *Part 10: Syntax service directories*

Introduction

This part of ISO 9735 includes the rules at the application level for the structuring of data in the interchange of electronic messages in an open environment, based on the requirements of either batch or interactive processing. These rules have been agreed by the United Nations Economic Commission for Europe (UN/ECE) as syntax rules for Electronic Data Interchange for Administration, Commerce and Transport (EDIFACT) and are part of the United Nations Trade Data Interchange Directory (UNTDID) which also includes both batch and interactive Message Design Guidelines.

This part of ISO 9735 can be used in any application, but messages using these rules can only be referred to as EDIFACT messages if they comply with other guidelines, rules and directories in the UNTDID. For UN/EDIFACT, batch messages comply with the message design rules for batch usage. These rules are maintained in the UNTDID.

Communications specifications and protocols are outside the scope of this part of ISO 9735.

INTERNATIONAL STANDARD **ISO 9735-10:2014(E)**

Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 2) —

Part 10: Syntax service directories

1 Scope

This part of ISO 9735 specifies the syntax service directories of all parts of ISO 9735.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 9735-1, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 1: Syntax rules common to all parts*

ISO 9735-2, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 2: Syntax rules specific to batch EDI*

ISO 9735-3, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 3: Syntax rules specific to interactive EDI*

ISO 9735-4, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 4: Syntax and service report message for batch EDI (message type — CONTRL)*

ISO 9735-5, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 5: Security rules for batch EDI (authenticity, integrity and non-repudiation of origin)*

ISO 9735-6, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 6: Secure authentication and acknowledgement message (message type - AUTACK)*

ISO 9735-7, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 7: Security rules for batch EDI (confidentiality)*

ISO 9735-8, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 8: Associated data in EDI*

ISO 9735-9, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 9: Security key and certificate management message (message type- KEYMAN)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 9735-1 apply.

4 Conformance

Whereas this part shall use a version number of "4" in the mandatory data element 0002 (Syntax version number), and shall use a release number of "02" in the conditional data element 0076 (Syntax release number), each of which appear in the segment UNB (Interchange header), interchanges continuing to use the syntax defined in the earlier published versions shall use the following Syntax version numbers, in order to differentiate them from each other and from this part:

— ISO 9735:1988: *Syntax version number: 1*

— ISO 9735:1988 (amended and reprinted in 1990): *Syntax version number: 2*

— ISO 9735:1988 and ISO 9735:1988/Amd 1:1992: *Syntax version number: 3*

— ISO 9735:1998 (all parts): *Syntax version number: 4*

Conformance to a standard means that all of its requirements, including all options, are supported. If all options are not supported, any claim of conformance shall include a statement which identifies those options to which conformance is claimed.

Data that is interchanged is in conformance if the structure and representation of the data conform to the syntax rules specified in this part of ISO 9735.

Devices supporting this part of ISO 9735 are in conformance when they are capable of creating and/or interpreting the data structured and represented in conformance with the standard.

Conformance to this part shall include conformance to ISO 9735-1, ISO 9735-2, ISO 9735-3, ISO 9735-4, ISO 9735-5, ISO 9735-6, ISO 9735-7, ISO 9735-8 and ISO 9735-9.

When identified in this part of ISO 9735, provisions defined in related standards shall form part of the conformance criteria.

5 Syntax service directories

5.1 Service segment directory

5.1.1 Service segment specification legend

Function	The function of the segment
POS	The sequential position number of the stand-alone data element or composite data element in the segment table
TAG	The tags for all service segments contained in the segment directory shall start with the letter "U". The tags of all service composite data elements start with the letter "S", and the tags of all service simple data elements start with the figure "0".
Name	Name of a COMPOSITE DATA ELEMENT in capital letters Name of a STAND-ALONE DATA ELEMENT in capital letters Name of a component data element in small letters
S	The status of the stand-alone data element or composite data element in the segment, or of the components in the composite (where M = Mandatory and C = Conditional)

R The maximum number of occurrences of a stand-alone data element or composite data element in the segment

Repr. Data value representation of the stand-alone data element or component data elements in the composite:

- a alphabetic characters
- n numeric characters
- an alphanumeric characters
- a3 3 alphabetic characters, fixed length
- n3 3 numeric characters, fixed length
- an3 3 alphanumeric characters, fixed length
- a..3 up to 3 alphabetic characters
- n..3 up to 3 numeric characters
- an..3 up to 3 alphanumeric characters

5.1.2 Dependency note identifiers

Code	Name
D1	One and only one
D2	All or none
D3	One or more
D4	One or none
D5	If first, then all
D6	If first, then at least one more
D7	If first, then none of the others

See ISO 9735-1:2002, 11.5, for the definition of the dependency note identifiers.

5.1.3 Index of service segments by tag

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions

a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

Tag	**Name**
UCD	Data element error indication
UCF	Group response
UCI	Interchange response
UCM	Message/package response
UCS	Segment error indication
UGH	Anti-collision segment group header
UGT	Anti-collision segment group trailer
UIB	Interactive interchange header
UIH	Interactive message header
UIR	Interactive status
UIT	Interactive message trailer
UIZ	Interactive interchange trailer
UNB	Interchange header
UNE	Group trailer
UNG	Group header
UNH	Message header
UNO	Object header
UNP	Object trailer
UNS	Section control
UNT	Message trailer
UNZ	Interchange trailer
USA	Security algorithm
USB	Secured data identification
USC	Certificate
USD	Data encryption header
USE	Security message relation
USF	Key management function
USH	Security header
USL	Security list status

Tag	Name
USR	Security result
UST	Security trailer
USU	Data encryption trailer
USX	Security references
USY	Security on references

5.1.4 Index of service segments by name

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

Tag	Name
UGH	Anti-collision segment group header
UGT	Anti-collision segment group trailer
USC	Certificate
UCD	Data element error indication
USD	Data encryption header
USU	Data encryption trailer
UNG	Group header
UCF	Group response
UNE	Group trailer
UIB	Interactive interchange header
UIZ	Interactive interchange trailer
UIH	Interactive message header
UIT	Interactive message trailer
UIR	Interactive status
UNB	Interchange header
UCI	Interchange response

Tag	Name
UNZ	Interchange trailer
USF	Key management function
UNH	Message header
UNT	Message trailer
UCM	Message/package response
UNO	Object header
UNP	Object trailer
UNS	Section control
USB	Secured data identification
USA	Security algorithm
USH	Security header
USL	Security list status
USE	Security message relation
USY	Security on references
USX	Security references
USR	Security result
UST	Security trailer
UCS	Segment error indication

5.1.5 Service segment specifications

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

UCD DATA ELEMENT ERROR INDICATION						
Function: To identify an erroneous stand-alone, composite or component data element, and to identify the nature of the error.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0085	SYNTAX ERROR, CODED	M	1	an..3	

020	S011	DATA ELEMENT IDENTIFICATION	M	1		
	0098	Erroneous data element position in segment	M		n..3	
	0104	Erroneous component data element position	C		n..3	
	0136	Erroneous data element occurrence	C		n..6	

UCF GROUP RESPONSE

Function: To identify a group in the subject interchange and to indicate acknowledgement or rejection (action taken) of the UNG and UNE segments, and to identify any error related to these segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the group level. Depending on the action code, it may also indicate the action taken on the messages and packages within that group.

Pos	TAG	Name	S	R	Repr.	Notes
010	0048	GROUP REFERENCE NUMBER	M	1	an..14	
020	S006	APPLICATION SENDER IDENTIFICATION	C	1		7
	0040	Application sender identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
030	S007	APPLICATION RECIPIENT IDENTIFICATION	C	1		7
	0044	Application recipient identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
040	0083	ACTION, CODED	M	1	an..3	
050	0085	SYNTAX ERROR, CODED	C	1	an..3	1,2,3,4
060	0135	SERVICE SEGMENT TAG, CODED	C	1	an..3	1,2,3,4,5
070	S011	DATA ELEMENT IDENTIFICATION	C	1		2
	0098	Erroneous data element position in segment	M		n..3	
	0104	Erroneous component data element position	C		n..3	
	0136	Erroneous data element occurrence	C		n..6	
080	0534	SECURITY REFERENCE NUMBER	C	1	an..14	3,4,6
090	0138	SECURITY SEGMENT POSITION	C	1	n..6	3,4,6

DEPENDENCY NOTES:

1. D5(060, 050) If first, then all

2. D5(070, 060, 050) If first, then all

3. D5(080, 060, 050, 090) If first, then all

4. D5(090, 080, 060, 050) If first, then all

OTHER NOTES:

5. 0135, may only contain the values UNG, UNE, USA, USC, USD, USH, USR, UST, or USU.

6. This data element shall be present when reporting an error in a security segment.

7. This data element shall be present if it was present in the subject interchange.

UCI INTERCHANGE RESPONSE

Function: To identify the subject interchange, to indicate interchange receipt, to indicate acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments, and to identify any error related to these segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the interchange level. Depending on the action code, it may also indicate the action taken on the groups, messages, and packages within that interchange.

Pos	TAG	Name	S	R	Repr.	Notes

010	0020	INTERCHANGE CONTROL REFERENCE	M	1	an..14	
020	S002	INTERCHANGE SENDER	M	1		
	0004	Interchange sender identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
	0008	Interchange sender internal identification	C		an..35	
	0042	Interchange sender internal sub-identification	C		an..35	
030	S003	INTERCHANGE RECIPIENT	M	1		
	0010	Interchange recipient identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
	0014	Interchange recipient internal identification	C		an..35	
	0046	Interchange recipient internal sub-identification	C		an..35	
040	0083	ACTION, CODED	M	1	an..3	
050	0085	SYNTAX ERROR, CODED	C	1	an..3	1,2,3,4
060	0135	SERVICE SEGMENT TAG, CODED	C	1	an..3	1,2,3,4,5
070	S011	DATA ELEMENT IDENTIFICATION	C	1		2
	0098	Erroneous data element position in segment	M		n..3	
	0104	Erroneous component data element position	C		n..3	
	0136	Erroneous data element occurrence	C		n..6	
080	0534	SECURITY REFERENCE NUMBER	C	1	an..14	3,4,6
090	0138	SECURITY SEGMENT POSITION	C	1	n..6	3,4,6

DEPENDENCY NOTES:

1. D5(060, 050) If first, then all
2. D5(070, 060, 050) If first, then all
3. D5(080, 060, 050, 090) If first, then all
4. D5(090, 080, 060, 050) If first, then all

OTHER NOTES:

5. 0135, may only contain the values UNA, UNB, UNZ, USA, USC, USD, USH, USR, UST, or USU.
6. This data element shall be present when reporting an error in a security segment.

UCM MESSAGE/PACKAGE RESPONSE

Function: To identify a message or package in the subject interchange, and to indicate that message's or package's acknowledgement or rejection (action taken), and to identify any error related to the UNH, UNT, UNO, and UNP segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the message or package level.

Pos	TAG	Name	S	R	Repr.	Notes
010	0062	MESSAGE REFERENCE NUMBER	C	1	an..14	1,2
020	S009	MESSAGE IDENTIFIER	C	1	2	
	0065	Message type	M		an..6	
	0052	Message version number	M		an..3	
	0054	Message release number	M		an..3	
	0051	Controlling agency, coded	M		an..3	
	0057	Association assigned code	C		an..6	
	0110	Code list directory version number	C		an..6	
	0113	Message type sub-function identification	C		an..6	

030	0083	ACTION, CODED	M	1	an..3	
040	0085	SYNTAX ERROR, CODED	C	1	an..3	4,5,6,7
050	0135	SERVICE SEGMENT TAG, CODED	C	1	an..3	4,5,6,7,8
060	S011	DATA ELEMENT IDENTIFICATION	C	1		5
	0098	Erroneous data element position in segment	M		n..3	
	0104	Erroneous component data element position	C		n..3	
	0136	Erroneous data element occurrence	C		n..6	
070	0800	PACKAGE REFERENCE NUMBER	C	1	an..35	1,3
080	S020	REFERENCE IDENTIFICATION	C	99		3
	0813	Reference qualifier	M		an..3	
	0802	Reference identification number	M		an..35	
090	0534	SECURITY REFERENCE NUMBER	C	1	an..14	6,7,9
100	0138	SECURITY SEGMENT POSITION	C	1	n..6	6,7,9

DEPENDENCY NOTES:

1. D1(010, 070) One and only one
2. D2(010, 020) All or none
3. D2(070, 080) All or none
4. D5(050, 040) If first, then all
5. D5(060, 050, 040) If first, then all
6. D5(090, 050, 040, 100) If first, then all
7. D5(100, 090, 050, 040) If first, then all

OTHER NOTES:

8. 0135, may only contain the values UNH, UNT, UNO, UNP, USA, USC, USD, USH, USR, UST, or USU.
9. This data element shall be present when reporting an error in a security segment.

UCS SEGMENT ERROR INDICATION

Function: To identify either a segment containing an error or a missing segment, and to identify any error related to the complete segment.

Pos	TAG	Name	S	R	Repr.	Notes
010	0096	SEGMENT POSITION IN MESSAGE BODY	M	1	n..6	
020	0085	SYNTAX ERROR, CODED	C	1	an..3	1

NOTES:

1. 0085, shall contain a value only if the error pertains to the segment identified by data element 0096.

UGH ANTI-COLLISION SEGMENT GROUP HEADER

Function: To head, identify and specify an anti-collision segment group.

Pos	TAG	Name	S	R	Repr.	Notes
010	0087	ANTI-COLLISION SEGMENT GROUP IDENTIFICATION	M	1	an..4	1

NOTES:

1. 0087, the value shall be the segment group number of the UGH/UGT segment group as stated in the message specification. It shall be identical to the value in 0087 in the corresponding UGT segment.

UGT ANTI-COLLISION SEGMENT GROUP TRAILER

Function: To end and check the completeness of an anti-collision segment group.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0087	ANTI-COLLISION SEGMENT GROUP IDENTIFICATION	M	1	an..4	1
NOTES: 1. 0087, the value shall be the segment group number of the UGH/UGT segment group as stated in the message specification. It shall be identical to the value in 0087 in the corresponding UGH segment.						

UIB INTERACTIVE INTERCHANGE HEADER						
Function: To head and identify an interchange.						
Pos	TAG	Name	S	R	Repr.	Notes
010	S001	SYNTAX IDENTIFIER	M	1		3
	0001	Syntax identifier	M		a4	
	0002	Syntax version number	M		an1	
	0080	Service code list directory version number	C		an..6	
	0133	Character encoding, coded	C		an..3	
	0076	Syntax release number	C		an2	
020	S302	DIALOGUE REFERENCE	C	1		1,2,4,5,8
	0300	Initiator control reference	M		an..35	
	0303	Initiator reference identification	C		an..35	
	0051	Controlling agency, coded	C		an..3	
	0304	Responder control reference	C		an..35	
030	S303	TRANSACTION REFERENCE	C	1		1,8
	0306	Transaction control reference	M		an..35	
	0303	Initiator reference identification	C		an..35	
	0051	Controlling agency, coded	C		an..3	
040	S018	SCENARIO IDENTIFICATION	C	1		
	0127	Scenario identification	M		an..14	
	0128	Scenario version number	C		an..3	
	0130	Scenario release number	C		an..3	
	0051	Controlling agency, coded	C		an..3	
050	S305	DIALOGUE IDENTIFICATION	C	1	2	
	0311	Dialogue identification	M		an..14	
	0342	Dialogue version number	C		an..3	
	0344	Dialogue release number	C		an..3	
	0051	Controlling agency, coded	C		an..3	
060	S002	INTERCHANGE SENDER	C	1	5	
	0004	Interchange sender identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
	0008	Interchange sender internal identification	C		an..35	
	0042	Interchange sender internal sub-identification	C		an..35	
070	S003	INTERCHANGE RECIPIENT	C	1		
	0010	Interchange recipient identification	M		an..35	
	0007	Identification code qualifier	C		an..4	

	0014	Interchange recipient internal identification	C		an..35	
	0046	Interchange recipient internal sub-identification	C		an..35	
080	S300	DATE AND/OR TIME OF INITIATION	C	1		
	0338	Event date	C		n..8	
	0314	Event time	C		an..15	
	0336	Time offset	C		n4	
090	0325	DUPLICATE INDICATOR	C	1	a1	6
100	0035	TEST INDICATOR	C	1	n1	7

DEPENDENCY NOTES:

1. D5(030, 020) If first, then all

2. D5(050, 020) If first, then all

OTHER NOTES:

3. S001/0002, shall be “4” to indicate this version of the syntax.

4. S302/0304, when provided by the responder, shall be returned by the initiator throughout the dialogue.

5. S002/0004, may be same as S302/0303 for initiator of transaction.

6. 0325, only used if the interchange is a duplicate transfer.

7. 0035, set by the initiator if the dialogue is a test. Applies to every subsequent message and service segment in the dialogue. Otherwise not used.

8. Dialogue and transaction control can be accomplished through the dialogue (S302) and transaction (S303) references. Optionally, if another means of control is chosen, these two composite data elements need not be utilized.

UIH INTERACTIVE MESSAGE HEADER

Function: To head, identify and specify a message.

Pos	TAG	Name	S	R	Repr.	Notes
010	S306	INTERACTIVE MESSAGE IDENTIFIER	M	1		
	0065	Message type	M		an..6	
	0052	Message version number	M		an..3	
	0054	Message release number	M		an..3	
	0113	Message type sub-function identification	C		an..6	
	0051	Controlling agency, coded	C		an..3	
	0057	Association assigned code	C		an..6	
020	0340	INTERACTIVE MESSAGE REFERENCE NUMBER	C	1	an..35	1,5
030	S302	DIALOGUE REFERENCE	C	1	2,4,5	
	0300	Initiator control reference	M		an..35	
	0303	Initiator reference identification	C		an..35	
	0051	Controlling agency, coded	C		an..3	
	0304	Responder control reference	C		an..35	
040	S301	STATUS OF TRANSFER - INTERACTIVE	C	1		
	0320	Sender sequence number	C		n..6	
	0323	Transfer position, coded	C		a1	
	0325	Duplicate Indicator	C		a1	
050	S300	DATE AND/OR TIME OF INITIATION	C	1		
	0338	Event date	C		n..8	

	0314	Event time	C		an..15	
	0336	Time offset	C		n4	
060	0035	TEST INDICATOR	C	1	n1	3

NOTES:

1. The value in 0340 shall be unique within the interchange (except for a duplicate transfer).

2. The value(s) in S302 shall be identical to the value(s) in S302 in the preceding UIB.

3. 0035, when used, test applies to the message only.

4. Dialogue control can be accomplished through the dialogue reference (S302). Optionally, if another means of control is chosen, this composite data element need not be utilized.

5. A combination of 0340 and S302 may be used to identify uniquely a message.

UIR INTERACTIVE STATUS						
Function: To report the status of the dialogue.						
Note: To avoid endless loops, the UIR segment is not used to respond to a UIR received with syntax errors.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0331	REPORT FUNCTION, CODED	M	1	an..3	
020	S307	STATUS INFORMATION	C	9		
	0333	Status, coded	C		an..3	
	0332	Status	C		an..70	
	0335	Language, coded	C		an..3	
030	S302	DIALOGUE REFERENCE	C	1		
	0300	Initiator control reference	M		an..35	
	0303	Initiator reference identification	C		an..35	
	0051	Controlling agency, coded	C		an..3	
	0304	Responder control reference	C		an..35	
040	S300	DATE AND/OR TIME OF INITIATION	C	1		
	0338	Event date	C		n..8	
	0314	Event time	C		an..15	
	0336	Time offset	C		n4	
050	0340	INTERACTIVE MESSAGE REFERENCE NUMBER	C	1	an..35	1,4
060	0800	PACKAGE REFERENCE NUMBER	C	1	an..35	1,5
070	0085	SYNTAX ERROR, CODED	C	1	an..3	2,3
080	0096	SEGMENT POSITION IN MESSAGE BODY	C	1	n..6	2,3
090	S011	DATA ELEMENT IDENTIFICATION	C	1		3
	0098	Erroneous data element position in segment	M		n..3	
	0104	Erroneous component data element position	C		n..3	

	0136	Erroneous data element occurrence	C		n..6	
DEPENDENCY NOTES: 1. D1(050, 060) One and only one 2. D5(080, 070) If first, then all 3. D5(090, 070, 080) If first, then all OTHER NOTES: 4. 0340, the value shall be identical to the value in 0340 in the UIH of a message received by the sender of the UIR within the same dialogue. 5. 0800, the value shall be identical to the value in 0800 in the UNO received by the sender of the UIR within the same dialogue.						

UIT INTERACTIVE MESSAGE TRAILER						
Function: To end and check the completeness of a message.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0340	INTERACTIVE MESSAGE REFERENCE NUMBER	C	1	an..35	1
020	0074	NUMBER OF SEGMENTS IN A MESSAGE	C	1	n..10	
NOTES: 1. 0340, the value shall be identical to the value in 0340 in the corresponding UIH segment.						

UIZ INTERACTIVE INTERCHANGE TRAILER						
Function: To end and check the completeness of an interchange.						
Pos	TAG	Name	S	R	Repr.	Notes
010	S302	DIALOGUE REFERENCE	C	1		1
	0300	Initiator control reference	M		an..35	
	0303	Initiator reference identification	C		an..35	
	0051	Controlling agency, coded	C		an..3	
	0304	Responder control reference	C		an..35	
020	0036	INTERCHANGE CONTROL COUNT	C	1	n..6	
030	0325	DUPLICATE INDICATOR	C	1	a1	2
NOTES: 1. S302, the value shall be identical to the value in the responder's dialogue reference in S302 in the UIB segment. 2. 0325, only used if the interchange is a duplicate transfer.						

UNB INTERCHANGE HEADER						
Function: To identify an interchange.						
Pos	TAG	Name	S	R	Repr.	Notes
010	S001	SYNTAX IDENTIFIER	M	1		1
	0001	Syntax identifier	M		a4	
	0002	Syntax version number	M		an1	
	0080	Service code list directory version number	C		an..6	
	0133	Character encoding, coded	C		an..3	
	0076	Syntax release number	C		an2	
020	S002	INTERCHANGE SENDER	M	1		2

	0004	Interchange sender identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
	0008	Interchange sender internal identification	C		an..35	
	0042	Interchange sender internal sub-identification	C		an..35	
030	S003	INTERCHANGE RECIPIENT	M	1		2
	0010	Interchange recipient identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
	0014	Interchange recipient internal identification	C		an..35	
	0046	Interchange recipient internal sub-identification	C		an..35	
040	S004	DATE AND TIME OF PREPARATION	M	1		
	0017	Date	M		n8	
	0019	Time	M		n4	
050	0020	INTERCHANGE CONTROL REFERENCE	M	1	an..14	2
060	S005	RECIPIENT REFERENCE/PASSWORD DETAILS	C	1		
	0022	Recipient reference/password	M		an..14	
	0025	Recipient reference/password qualifier	C		an2	
070	0026	APPLICATION REFERENCE	C	1	an..14	
080	0029	PROCESSING PRIORITY CODE	C	1	a1	
090	0031	ACKNOWLEDGEMENT REQUEST	C	1	n1	
100	0032	INTERCHANGE AGREEMENT IDENTIFIER	C	1	an..35	
110	0035	TEST INDICATOR	C	1	n1	

NOTES:

1. S001/0002, shall be “4” to indicate this version of the syntax.

2. The combination of the values carried in data elements S002, S003 and 0020 shall be used to identify uniquely the interchange, for the purpose of acknowledgement.

UNE GROUP TRAILER

Function: To end and check the completeness of a group.

Pos	TAG	Name	S	R	Repr.	Notes
010	0060	GROUP CONTROL COUNT	M	1	n..6	
020	0048	GROUP REFERENCE NUMBER	M	1	an..14	1

NOTES:

1. 0048, the value shall be identical to the value in 0048 in the corresponding UNG segment.

UNG GROUP HEADER

Function: To head, identify and specify a group of messages and/or packages, which may be used for internal routing and which may contain one or more message types and/or packages.

Pos		TAG	Name	S	R	Repr.	Notes
010	X	0038	MESSAGE GROUP IDENTIFICATION	C	1	an..6	1,2,4
020		S006	APPLICATION SENDER IDENTIFICATION	C	1		5
		0040	Application sender identification	M		an..35	
		0007	Identification code qualifier	C		an..4	
030		S007	APPLICATION RECIPIENT IDENTIFICATION	C	1		5
		0044	Application recipient identification	M		an..35	

		0007	Identification code qualifier	C		an..4	
040		S004	DATE AND TIME OF PREPARATION	C	1		3
		0017	Date	M		n8	
		0019	Time	M		n4	
050		0048	GROUP REFERENCE NUMBER	M	1	an..14	5
060		0051	CONTROLLING AGENCY, CODED	C	1	an..3	1,2,4
070	X	S008	MESSAGE VERSION	C	1	1,2,4	
		0052	Message version number	M		an..3	
		0054	Message release number	M		an..3	
		0057	Association assigned code	C		an..6	
080		0058	APPLICATION PASSWORD	C	1	an..14	

DEPENDENCY NOTES:

1. D2(010, 060, 070) All or none

OTHER NOTES:

2. This data element is only used if the following conditions apply:

i) the group contains messages only, and

ii) the messages are of a single message type.

3. S004, if S004 is not present in UNG, the date and time of preparation is the same as indicated for the interchange in S004 in UNB.

4. This data element will be deleted from the UNG segment in the next version of the standard. Therefore its use in UNG is not recommended.

5. The combination of the values carried in data elements S006, S007 and 0048 shall be used to identify uniquely the group within its interchange, for the purpose of acknowledgement.

UNH MESSAGE HEADER

Function: To head, identify and specify a message.

Pos	TAG	Name	S	R	Repr.	Notes
010	0062	MESSAGE REFERENCE NUMBER	M	1	an..14	2
020	S009	MESSAGE IDENTIFIER	M	1		1,2
	0065	Message type	M		an..6	
	0052	Message version number	M		an..3	
	0054	Message release number	M		an..3	
	0051	Controlling agency, coded	M		an..3	
	0057	Association assigned code	C		an..6	
	0110	Code list directory version number	C		an..6	
	0113	Message type sub-function identification	C		an..6	
030	0068	COMMON ACCESS REFERENCE	C	1	an..35	
040	S010	STATUS OF THE TRANSFER	C	1		
	0070	Sequence of transfers	M		n..2	
	0073	First and last transfer	C		a1	
050	S016	MESSAGE SUBSET IDENTIFICATION	C	1		1
	0115	Message subset identification	M		an..14	
	0116	Message subset version number	C		an..3	
	0118	Message subset release number	C		an..3	

	0051	Controlling agency, coded	C		an..3	
060	S017	MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION	C	1		1
	0121	Message implementation guideline identification	M		an..14	
	0122	Message implementation guideline version number	C		an..3	
	0124	Message implementation guideline release number	C		an..3	
	0051	Controlling agency, coded	C		an..3	
070	S018	SCENARIO IDENTIFICATION	C	1		
	0127	Scenario identification	M		an..14	
	0128	Scenario version number	C		an..3	
	0130	Scenario release number	C		an..3	
	0051	Controlling agency, coded	C		an..3	

NOTES:

1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.

2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

UNO OBJECT HEADER

Function: To head, identify and specify an object.

Pos	TAG	Name	S	R	Repr.	Notes
010	0800	PACKAGE REFERENCE NUMBER	M	1	an..35	1
020	S020	REFERENCE IDENTIFICATION	M	99		2
	0813	Reference qualifier	M		an..3	
	0802	Reference identification number	M		an..35	
030	S021	OBJECT TYPE IDENTIFICATION	M	99		3
	0805	Object type qualifier	M		an..3	
	0809	Object type attribute identification	C		an..256	
	0808	Object type attribute	C		an..256	
	0051	Controlling agency, coded	C		an..3	
040	S022	STATUS OF THE OBJECT	M	1		
	0810	Length of object in octets of bits	M		n..18	
	0814	Number of segments before object	C		n..3	
	0070	Sequence of transfers	C		n..2	
	0073	First and last transfer	C		a1	
050	S302	DIALOGUE REFERENCE	C	1		4
	0300	Initiator control reference	M		an..35	
	0303	Initiator reference identification	C		an..35	
	0051	Controlling agency, coded	C		an..3	
	0304	Responder control reference	C		an..35	
060	S301	STATUS OF TRANSFER - INTERACTIVE	C	1		4
	0320	Sender sequence number	C		n..6	
	0323	Transfer position, coded	C		a1	
	0325	Duplicate Indicator	C		a1	

070	S300	DATE AND/OR TIME OF INITIATION	C	1		4
	0338	Event date	C		n..8	
	0314	Event time	C		an..15	
	0336	Time offset	C		n4	
080	0035	TEST INDICATOR	C	1	n1	4

NOTES:

1. The value in 0800 shall be unique within the interchange (except for a duplicate transfer).

2. One mandatory occurrence of S020 shall identify the Object Identification Number.

3. One occurrence of S021 is mandatory and shall be used for file format identification.

4. Data elements S302, S301, S300 and 0035 are for interactive EDI use only:

- The value(s) in S302 shall be identical to the value(s) in S302 in the preceding UIB.

- 0035, when used, test applies to the message or package only.

UNP OBJECT TRAILER

Function: To end and check the completeness of an object.

Pos	TAG	Name	S	R	Repr.	Notes
010	0810	LENGTH OF OBJECT IN OCTETS OF BITS	M	1	n..18	1
020	0800	PACKAGE REFERENCE NUMBER	M	1	an..35	2

NOTES:

1. 0810, shall be identical to the value in data element 0810 in UNO.

2. 0800, shall be identical to the value in data element 0800 in UNO.

UNS SECTION CONTROL

Function: To separate header, detail and summary sections of a message.

Note: To be used by message designers only when required to avoid ambiguities.

Pos	TAG	Name	S	R	Repr.	Notes
010	0081	SECTION IDENTIFICATION	M	1	a1	

UNT MESSAGE TRAILER

Function: To end and check the completeness of a message.

Pos	TAG	Name	S	R	Repr.	Notes
010	0074	NUMBER OF SEGMENTS IN A MESSAGE	M	1	n..10	
020	0062	MESSAGE REFERENCE NUMBER	M	1	an..14	1

NOTES:

1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.

UNZ INTERCHANGE TRAILER

Function: To end and check the completeness of an interchange.

Pos	TAG	Name	S	R	Repr.	Notes
010	0036	INTERCHANGE CONTROL COUNT	M	1	n..6	

020	0020	INTERCHANGE CONTROL REFERENCE	M	1	an..14	1
NOTES:						
1. 0020, the value shall be identical to the value in 0020 in the corresponding UNB segment.						

USA SECURITY ALGORITHM						
Function: To identify a security algorithm, the technical usage made of it, and to contain the technical parameters required.						
Pos	TAG	Name	S	R	Repr.	Notes
010	S502	SECURITY ALGORITHM	M	1		
	0523	Use of algorithm, coded	M		an..3	
	0525	Cryptographic mode of operation, coded	C		an..3	
	0533	Mode of operation code list identifier	C		an..3	
	0527	Algorithm, coded	C		an..3	
	0529	Algorithm code list identifier	C		an..3	
	0591	Padding mechanism, coded	C		an..3	
	0601	Padding mechanism code list identifier	C		an..3	
020	S503	ALGORITHM PARAMETER	C	9		1
	0531	Algorithm parameter qualifier	M		an..3	
	0554	Algorithm parameter value	M		an..512	
NOTES:						
1. S503, provides space for one parameter. The number of repetitions of S503 actually used will depend on the algorithm used. The order of the parameters is arbitrary but, in each case, the actual value is preceded by a coded algorithm parameter qualifier.						

USB SECURED DATA IDENTIFICATION						
Function: To contain details related to the AUTACK.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0503	RESPONSE TYPE, CODED	M	1	an..3	
020	S501	SECURITY DATE AND TIME	C	1		
	0517	Date and time qualifier	M		an..3	
	0338	Event date	C		n..8	
	0314	Event time	C		an..15	
	0336	Time offset	C		n4	
030	S002	INTERCHANGE SENDER	M	1		
	0004	Interchange sender identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
	0008	Interchange sender internal identification	C		an..35	
	0042	Interchange sender internal sub-identification	C		an..35	
040	S003	INTERCHANGE RECIPIENT	M	1		
	0010	Interchange recipient identification	M		an..35	
	0007	Identification code qualifier	C		an..4	

	0014	Interchange recipient internal identification	C		an..35	
	0046	Interchange recipient internal sub-identification	C		an..35	

USC CERTIFICATE						
Function: To convey the public key and the credentials of its owner.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0536	CERTIFICATE REFERENCE	C	1	an..70	2
020	S500	SECURITY IDENTIFICATION DETAILS	C	2		3
	0577	Security party qualifier	M		an..3	
	0538	Key name	C		an..35	
	0511	Security party identification	C		an..1024	
	0513	Security party code list qualifier	C		an..3	
	0515	Security party code list responsible agency, coded	C		an..3	
	0586	Security party name	C		an..35	
	0586	Security party name	C		an..35	
	0586	Security party name	C		an..35	
030	0545	CERTIFICATE SYNTAX AND VERSION, CODED	C	1	an..3	2
040	0505	FILTER FUNCTION, CODED	C	1	an..3	
050	0507	ORIGINAL CHARACTER SET ENCODING, CODED	C	1	an..3	4
060	0543	CERTIFICATE ORIGINAL CHARACTER SET REPERTOIRE, CODED	C	1	an..3	5
070	0546	USER AUTHORIZATION LEVEL	C	1	an..35	
080	S505	SERVICE CHARACTER FOR SIGNATURE	C	5		6
	0551	Service character for signature qualifier	M		an..3	
	0548	Service character for signature	M		an..4	
090	S501	SECURITY DATE AND TIME	C	4		7
	0517	Date and time qualifier	M		an..3	
	0338	Event date	C		n..8	
	0314	Event time	C		an..15	
	0336	Time offset	C		n4	
100	0567	SECURITY STATUS, CODED	C	1	an..3	1

110	0569	REVOCATION REASON, CODED	C	1	an..3	1
DEPENDENCY NOTES: 1. D5(110, 100) If first, then all OTHER NOTES: 2. 0536, if a full certificate (including the USR segment) is not used, the only data elements of the certificate shall be a unique certificate reference made of: the certificate reference (0536), the S500 identifying the issuer certification authority or the S500 identifying the certificate owner, including its public key name. In the case of a non-EDIFACT certificate data element 0545 shall also be present. 3. S500/0538, identifies a public key: either of the owner of this certificate, or the public key related to the private key used by the certificate issuer (certification authority or CA) to sign this certificate. 4. 0507, the original character set encoding of the certificate when it was signed. If no value is specified, the character set encoding corresponds to that identified by the character set repertoire standard. 5. 0543, the original character set repertoire of the certificate when it was signed. If no value is specified, the default is defined in the interchange header. 6. S505, when this certificate is transferred, it will use the default service characters defined in ISO 9735-1, or those defined in the service string advice, if used. This data element may specify the service characters used when the certificate was signed. If this data element is not used then they are the default service characters. 7. S501, dates and times involved in the certification process. Four occurrences of this composite data element are possible: one for the certificate generation date and time, one for the certificate start of validity period, one for the certificate end of validity period, one for revocation date and time.					

USD DATA ENCRYPTION HEADER						
Function: To specify size (i.e. length of data in octets of bits) of encrypted data following the segment terminator of this segment.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0556	LENGTH OF DATA IN OCTETS OF BITS	M	1	n..18	
020	0518	ENCRYPTION REFERENCE NUMBER	C	1	an..35	
030	0582	NUMBER OF PADDING BYTES	C	1	n..2	

USE SECURITY MESSAGE RELATION						
Function: To specify the relation to earlier security messages, such as response to a particular request, or request for a particular answer.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0565	MESSAGE RELATION, CODED	M	1	an..3	

USF KEY MANAGEMENT FUNCTION						
Function: To specify the type of key management function and the status of a corresponding key or certificate.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0579	KEY MANAGEMENT FUNCTION QUALIFIER	C	1	an..3	
020	S504	LIST PARAMETER	C	1		
	0575	List parameter qualifier	M		an..3	
	0558	List parameter	M		an..70	
030	0567	SECURITY STATUS, CODED	C	1	an..3	
040	0572	CERTIFICATE SEQUENCE NUMBER	C	1	n..4	
050	0505	FILTER FUNCTION, CODED	C	1	an..3	

USH SECURITY HEADER

Function: To specify a security mechanism applied to a EDIFACT structure (i.e.: either message/package, group or interchange).						
Pos	TAG	Name	S	R	Repr.	Notes
010	0501	SECURITY SERVICE, CODED	M	1	an..3	
020	0534	SECURITY REFERENCE NUMBER	M	1	an..14	
030	0541	SCOPE OF SECURITY APPLICATION, CODED	C	1	an..3	1
040	0503	RESPONSE TYPE, CODED	C	1	an..3	
050	0505	FILTER FUNCTION, CODED	C	1	an..3	
060	0507	ORIGINAL CHARACTER SET ENCODING, CODED	C	1	an..3	2
070	0509	ROLE OF SECURITY PROVIDER, CODED	C	1	an..3	
080	S500	SECURITY IDENTIFICATION DETAILS	C	2		3,4
	0577	Security party qualifier	M		an..3	
	0538	Key name	C		an..35	
	0511	Security party identification	C		an..1024	
	0513	Security party code list qualifier	C		an..3	
	0515	Security party code list responsible agency, coded	C		an..3	
	0586	Security party name	C		an..35	
	0586	Security party name	C		an..35	
	0586	Security party name	C		an..35	
090	0520	SECURITY SEQUENCE NUMBER	C	1	an..35	
100	S501	SECURITY DATE AND TIME	C	1		5
	0517	Date and time qualifier	M		an..3	
	0338	Event date	C		n..8	
	0314	Event time	C		an..15	
	0336	Time offset	C		n4	

NOTES:

1. 0541, if not present the default scope is the current security header segment group and the message body or object itself.

2. 0507, the original character set encoding of the EDIFACT structure when it was secured. If no value is specified, the character set encoding corresponds to that identified by the syntax identifier character repertoire in the UNB segment.

3. S500, two occurrences are possible: one for the security originator, one for the security recipient.

4. S500/0538, may be used to establish the key relationship between the sending and receiving parties.

5. S501, may be used as a security timestamp. It is security related and may differ from any dates and times that may appear elsewhere in the EDIFACT structure. It may be used to provide sequence integrity.

USL SECURITY LIST STATUS						
Function: To specify the status of security objects, such as keys or certificates to be delivered in a list, and the corresponding list parameters.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0567	SECURITY STATUS, CODED	M	1	an..3	
020	S504	LIST PARAMETER	C	9		

	0575	List parameter qualifier	M		an..3	
	0558	List parameter	M		an..70	

USR SECURITY RESULT						
Function: To contain the result of the security mechanisms.						
Pos	TAG	Name	S	R	Repr.	Notes
010	S508	VALIDATION RESULT	M	2		1
	0563	Validation value qualifier	M		an..3	
	0560	Validation value	C		an..1024	
NOTES:						
1. S508, two occurrences shall be used in the case of signature algorithms requiring two parameters to express the result. In the case of an RSA signature, only one occurrence of S508 shall be used. In the case of a DSA signature two occurrences of S508 shall be used.						

UST SECURITY TRAILER						
Function: To establish a link between security header and security trailer segment groups.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0534	SECURITY REFERENCE NUMBER	M	1	an..14	1
020	0588	NUMBER OF SECURITY SEGMENTS	M	1	n..10	
NOTES:						
1. 0534, the value shall be identical to the value in 0534 in the corresponding USH segment.						

USU DATA ENCRYPTION TRAILER						
Function: To provide a trailer for the encrypted data.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0556	LENGTH OF DATA IN OCTETS OF BITS	M	1	n..18	1
020	0518	ENCRYPTION REFERENCE NUMBER	C	1	an..35	2
NOTES:						
1. 0556, the value shall be identical to the value in 0556 in the corresponding USD segment.						
2. 0518, the value shall be identical to the value in 0518 in the corresponding USD segment.						

USX SECURITY REFERENCES						
Function: To refer to the secured EDIFACT structure and its associated date and time.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0020	INTERCHANGE CONTROL REFERENCE	M	1	an..14	
020	S002	INTERCHANGE SENDER	C	1		
	0004	Interchange sender identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
	0008	Interchange sender internal identification	C		an..35	
	0042	Interchange sender internal sub-identification	C		an..35	
030	S003	INTERCHANGE RECIPIENT	C	1		
	0010	Interchange recipient identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
	0014	Interchange recipient internal identification	C		an..35	

	0046	Interchange recipient internal sub-identification	C		an..35	
040	0048	GROUP REFERENCE NUMBER	C	1	an..14	1,3
050	S006	APPLICATION SENDER IDENTIFICATION	C	1		1
	0040	Application sender identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
060	S007	APPLICATION RECIPIENT IDENTIFICATION	C	1		3
	0044	Application recipient identification	M		an..35	
	0007	Identification code qualifier	C		an..4	
070	0062	MESSAGE REFERENCE NUMBER	C	1	an..14	2,4
080	S009	MESSAGE IDENTIFIER	C	1		4
	0065	Message type	M		an..6	
	0052	Message version number	M		an..3	
	0054	Message release number	M		an..3	
	0051	Controlling agency, coded	M		an..3	
	0057	Association assigned code	C		an..6	
	0110	Code list directory version number	C		an..6	
	0113	Message type sub-function identification	C		an..6	
090	0800	PACKAGE REFERENCE NUMBER	C	1	an..35	2
100	S501	SECURITY DATE AND TIME	C	1		
	0517	Date and time qualifier	M		an..3	
	0338	Event date	C		n..8	
	0314	Event time	C		an..15	
	0336	Time offset	C		n4	

DEPENDENCY NOTES:

1. D5(050, 040) If first, then all
2. D1(070, 090) One and only one
3. D5(060, 040) If first, then all
4. D5(080, 070) If first, then all

USY SECURITY ON REFERENCES						
Function: To identify the applicable header, and to contain the security result and/or to indicate the possible cause of security rejection for the referred value.						
Pos	TAG	Name	S	R	Repr.	Notes
010	0534	SECURITY REFERENCE NUMBER	M	1	an..14	
020	S508	VALIDATION RESULT	C	2		1
	0563	Validation value qualifier	M		an..3	
	0560	Validation value	C		an..1024	
030	0571	SECURITY ERROR, CODED	C	1	an..3	1

DEPENDENCY NOTES:

1. D3(020, 030) One or more

5.2 Service composite data element directory

5.2.1 Service composite data element specification legend

POS — The sequential position number of the component data element in the composite data element

TAG — The tags of all service composite data elements contained in the composite data element directory start with the letter "S", and the tags of all service simple data elements start with the figure "0".

Name — Name of a component data element in small letters

S — The status of the component data element in the composite data element (where M = Mandatory and C = Conditional)

Repr. — Data value representation of the component data elements in the composite:

- a — alphabetic characters
- n — numeric characters
- an — alphanumeric characters
- a3 — 3 alphabetic characters, fixed length
- n3 — 3 numeric characters, fixed length
- an3 — 3 alphanumeric characters, fixed length
- a..3 — up to 3 alphabetic characters
- n..3 — up to 3 numeric characters
- an..3 — up to 3 alphanumeric characters

Desc. — Description of the composite data element

5.2.2 Dependency note identifiers

Code	Name
D1	One and only one
D2	All or none
D3	One or more
D4	One or none
D5	If first, then all
D6	If first, then at least one more
D7	If first, then none of the others

See ISO 9735-1:2002, 11.5, for the definition of the dependency note identifiers.

5.2.3 Index of service composite data elements by tag

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

	Tag	Name
	S001	Syntax identifier
	S002	Interchange sender
	S003	Interchange recipient
	S004	Date and time of preparation
	S005	Recipient reference/password details
	S006	Application sender identification
	S007	Application recipient identification
X	S008	Message version
	S009	Message identifier
	S010	Status of the transfer
	S011	Data element identification
	S016	Message subset identification
	S017	Message implementation guideline identification
	S018	Scenario identification
	S020	Reference identification
	S021	Object type identification
	S022	Status of the object
	S300	Date and/or time of initiation
	S301	Status of transfer - interactive
	S302	Dialogue reference
	S303	Transaction reference
	S305	Dialogue identification
	S306	Interactive message identifier

Tag	Name
S307	Status information
S500	Security identification details
S501	Security date and time
S502	Security algorithm
S503	Algorithm parameter
S504	List parameter
S505	Service character for signature
S508	Validation result

5.2.4 Index of service composite data elements by name

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

Tag	Name
S503	Algorithm parameter
S007	Application recipient identification
S006	Application sender identification
S011	Data element identification
S004	Date and time of preparation
S300	Date and/or time of initiation
S305	Dialogue identification
S302	Dialogue reference
S306	Interactive message identifier
S003	Interchange recipient
S002	Interchange sender
S504	List parameter
S009	Message identifier

	Tag	Name
	S017	Message implementation guideline identification
	S016	Message subset identification
X	S008	Message version
	S021	Object type identification
	S005	Recipient reference/password details
	S020	Reference identification
	S018	Scenario identification
	S502	Security algorithm
	S501	Security date and time
	S500	Security identification details
	S505	Service character for signature
	S307	Status information
	S022	Status of the object
	S010	Status of the transfer
	S301	Status of transfer - interactive
	S001	Syntax identifier
	S303	Transaction reference
	S508	Validation result

5.2.5 Service composite data element specifications

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

S001 SYNTAX IDENTIFIER					
Desc: Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.					
POS	TAG	Name	S	Repr.	Notes
010	0001	Syntax identifier	M	a4	

020	0002	Syntax version number	M	an1	
030	0080	Service code list directory version number	C	an..6	
040	0133	Character encoding, coded	C	an..3	
050	0076	Syntax release number	C	an2	

S002 INTERCHANGE SENDER					
Desc: Identification of the sender of the interchange.					
POS	TAG	Name	S	Repr.	Notes
010	0004	Interchange sender identification	M	an..35	
020	0007	Identification code qualifier	C	an..4	
030	0008	Interchange sender internal identification	C	an..35	
040	0042	Interchange sender internal sub-identification	C	an..35	

S003 INTERCHANGE RECIPIENT					
Desc: Identification of the recipient of the interchange.					
POS	TAG	Name	S	Repr.	Notes
010	0010	Interchange recipient identification	M	an..35	
020	0007	Identification code qualifier	C	an..4	
030	0014	Interchange recipient internal identification	C	an..35	
040	0046	Interchange recipient internal sub-identification	C	an..35	

S004 DATE AND TIME OF PREPARATION					
Desc: Date and time of preparation of the interchange.					
POS	TAG	Name	S	Repr.	Notes
010	0017	Date	M	n8	
020	0019	Time	M	n4	

S005 RECIPIENT REFERENCE/PASSWORD DETAILS					
Desc: Reference or password as agreed between the communicating partners.					
POS	TAG	Name	S	Repr.	Notes
010	0022	Recipient reference/password	M	an..14	
020	0025	Recipient reference/password qualifier	C	an2	

S006 APPLICATION SENDER IDENTIFICATION					
Desc: Sender identification of for example a division, branch or application computer system/process.					
POS	TAG	Name	S	Repr.	Notes
010	0040	Application sender identification	M	an..35	
020	0007	Identification code qualifier	C	an..4	

S007 APPLICATION RECIPIENT IDENTIFICATION					
Desc: Recipient identification of for example a division, branch or application computer system/process.					
POS	TAG	Name	S	Repr.	Notes

010	0044	Application recipient identification	M	an..35	
020	0007	Identification code qualifier	C	an..4	

X S008 MESSAGE VERSION					
Desc: Specification of the version and release numbers of all of the messages of a single type in the group.					
POS	TAG	Name	S	Repr.	Notes
010	0052	Message version number	M	an..3	
020	0054	Message release number	M	an..3	
030	0057	Association assigned code	C	an..6	

S009 MESSAGE IDENTIFIER					
Desc: Identification of the type, version, etc. of the message being interchanged.					
POS	TAG	Name	S	Repr.	Notes
010	0065	Message type	M	an..6	
020	0052	Message version number	M	an..3	
030	0054	Message release number	M	an..3	
040	0051	Controlling agency, coded	M	an..3	
050	0057	Association assigned code	C	an..6	
060	0110	Code list directory version number	C	an..6	
070	0113	Message type sub-function identification	C	an..6	

S010 STATUS OF THE TRANSFER					
Desc: Statement that the message is one in a sequence of transfers relating to the same topic.					
POS	TAG	Name	S	Repr.	Notes
010	0070	Sequence of transfers	M	n..2	
020	0073	First and last transfer	C	a1	

S011 DATA ELEMENT IDENTIFICATION					
Desc: Identification of the position for an erroneous data element. This can be the position of a stand-alone or composite data element in the definition of a segment or a component data element in the definition of a composite data element.					
POS	TAG	Name	S	Repr.	Notes
010	0098	Erroneous data element position in segment	M	n..3	
020	0104	Erroneous component data element position	C	n..3	1,2
030	0136	Erroneous data element occurrence	C	n..6	1,3
DEPENDENCY NOTES: 1. D4(020, 030) One or none OTHER NOTES: 2. 0104, only used if an error is to be reported in a component data element. 3. 0136, only used if an error is to be reported in a repeating data element.					

S016 MESSAGE SUBSET IDENTIFICATION					
Desc: Identification of a message subset by its identifier, version, release and source.					
POS	TAG	Name	S	Repr.	Notes

010	0115	Message subset identification	M	an..14	
020	0116	Message subset version number	C	an..3	
030	0118	Message subset release number	C	an..3	
040	0051	Controlling agency, coded	C	an..3	

S017 MESSAGE IMPLEMENTATION GUIDELINE IDENTIFICATION					
Desc: Identification of a message implementation guideline by its identifier, version, release and source.					
POS	TAG	Name	S	Repr.	Notes
010	0121	Message implementation guideline identification	M	an..14	
020	0122	Message implementation guideline version number	C	an..3	
030	0124	Message implementation guideline release number	C	an..3	
040	0051	Controlling agency, coded	C	an..3	

S018 SCENARIO IDENTIFICATION					
Desc: Identification of a scenario.					
POS	TAG	Name	S	Repr.	Notes
010	0127	Scenario identification	M	an..14	
020	0128	Scenario version number	C	an..3	
030	0130	Scenario release number	C	an..3	
040	0051	Controlling agency, coded	C	an..3	

S020 REFERENCE IDENTIFICATION					
Desc: Identification of the reference relating to the object.					
POS	TAG	Name	S	Repr.	Notes
010	0813	Reference qualifier	M	an..3	
020	0802	Reference identification number	M	an..35	

S021 OBJECT TYPE IDENTIFICATION					
Desc: Identification of the attribute related to the object type.					
POS	TAG	Name	S	Repr.	Notes
010	0805	Object type qualifier	M	an..3	
020	0809	Object type attribute identification	C	an..256	1
030	0808	Object type attribute	C	an..256	1
040	0051	Controlling agency, coded	C	an..3	
DEPENDENCY NOTES:					
1. D3(020, 030) One or more					

S022 STATUS OF THE OBJECT					
Desc: Identification of the length and if required the transfer status of the object.					
POS	TAG	Name	S	Repr.	Notes
010	0810	Length of object in octets of bits	M	n..18	
020	0814	Number of segments before object	C	n..3	

030	0070	Sequence of transfers	C	n..2	
040	0073	First and last transfer	C	a1	

S300 DATE AND/OR TIME OF INITIATION					
Desc: Date and/or time of event initiation.					
POS	TAG	Name	S	Repr.	Notes
010	0338	Event date	C	n..8	
020	0314	Event time	C	an..15	1
030	0336	Time offset	C	n4	1
DEPENDENCY NOTES: 1. D5(030, 020) If first, then all					

S301 STATUS OF TRANSFER - INTERACTIVE					
Desc: Identifies the sequence of the message/package within the sender's interchange and the position in a multi-message and/or package transfer.					
POS	TAG	Name	S	Repr.	Notes
010	0320	Sender sequence number	C	n..6	1
020	0323	Transfer position, coded	C	a1	2
030	0325	Duplicate Indicator	C	a1	3
NOTES: 1. 0320, starts at 1 and is incremented by 1 for each message and package within the interchange. 2. 0323, only used where more than one message or package is contained in a single query or response. 3. 0325, only used if a duplicate transfer.					

S302 DIALOGUE REFERENCE					
Desc: Unique reference for the dialogue between co-operating parties within the interactive EDI transaction.					
POS	TAG	Name	S	Repr.	Notes
010	0300	Initiator control reference	M	an..35	
020	0303	Initiator reference identification	C	an..35	1
030	0051	Controlling agency, coded	C	an..3	1
040	0304	Responder control reference	C	an..35	
DEPENDENCY NOTES: 1. D5(030, 020) If first, then all					

S303 TRANSACTION REFERENCE					
Desc: Unique reference for the business transaction to which the dialogue belongs.					
POS	TAG	Name	S	Repr.	Notes
010	0306	Transaction control reference	M	an..35	
020	0303	Initiator reference identification	C	an..35	1
030	0051	Controlling agency, coded	C	an..3	1
DEPENDENCY NOTES: 1. D5(030, 020) If first, then all					

S305 DIALOGUE IDENTIFICATION

Desc: Identification of the dialogue type being used for the interactive EDI transaction.					
POS	TAG	Name	S	Repr.	Notes
010	0311	Dialogue identification	M	an..14	
020	0342	Dialogue version number	C	an..3	
030	0344	Dialogue release number	C	an..3	
040	0051	Controlling agency, coded	C	an..3	

S306 INTERACTIVE MESSAGE IDENTIFIER					
Desc: Identification of the type, version and details of the message being interchanged.					
POS	TAG	Name	S	Repr.	Notes
010	0065	Message type	M	an..6	
020	0052	Message version number	M	an..3	
030	0054	Message release number	M	an..3	
040	0113	Message type sub-function identification	C	an..6	
050	0051	Controlling agency, coded	C	an..3	
060	0057	Association assigned code	C	an..6	

S307 STATUS INFORMATION					
Desc: Reason for status or error report.					
POS	TAG	Name	S	Repr.	Notes
010	0333	Status, coded	C	an..3	
020	0332	Status	C	an..70	1,2
030	0335	Language, coded	C	an..3	1
DEPENDENCY NOTES: 1. D5(030, 020) If first, then all OTHER NOTES: 2. 0332, defaults to English in the absence of a value in 0335.					

S500 SECURITY IDENTIFICATION DETAILS					
Desc: Identification of parties involved in the security process.					
POS	TAG	Name	S	Repr.	Notes
010	0577	Security party qualifier	M	an..3	
020	0538	Key name	C	an..35	
030	0511	Security party identification	C	an..1024	1
040	0513	Security party code list qualifier	C	an..3	1
050	0515	Security party code list responsible agency, coded	C	an..3	1
060	0586	Security party name	C	an..35	
070	0586	Security party name	C	an..35	
080	0586	Security party name	C	an..35	
DEPENDENCY NOTES: 1. D2(030, 040, 050) All or none					

S501 SECURITY DATE AND TIME

Desc: Security related date and time.					
POS	TAG	Name	S	Repr.	Notes
010	0517	Date and time qualifier	M	an..3	
020	0338	Event date	C	n..8	
030	0314	Event time	C	an..15	
040	0336	Time offset	C	n4	

S502 SECURITY ALGORITHM					
Desc: Identification of a security algorithm.					
POS	TAG	Name	S	Repr.	Notes
010	0523	Use of algorithm, coded	M	an..3	
020	0525	Cryptographic mode of operation, coded	C	an..3	1,3,6
030	0533	Mode of operation code list identifier	C	an..3	1
040	0527	Algorithm, coded	C	an..3	2,3,5
050	0529	Algorithm code list identifier	C	an..3	2
060	0591	Padding mechanism, coded	C	an..3	4,5
070	0601	Padding mechanism code list identifier	C	an..3	4
DEPENDENCY NOTES: 1. D5(030, 020) If first, then all 2. D5(050, 040) If first, then all 3. D5(020, 040) If first, then all 4. D5(070, 060) If first, then all 5. D5(060, 040) If first, then all OTHER NOTES: 6. 0525, a mode of operation shall be chosen in relation to the chosen algorithm (data element 0527). Some combinations of mode of operation and algorithm are not appropriate.					

S503 ALGORITHM PARAMETER					
Desc: Parameter required by a security algorithm.					
POS	TAG	Name	S	Repr.	Notes
010	0531	Algorithm parameter qualifier	M	an..3	
020	0554	Algorithm parameter value	M	an..512	

S504 LIST PARAMETER					
Desc: Identification of a parameter for a list request or delivery					
POS	TAG	Name	S	Repr.	Notes
010	0575	List parameter qualifier	M	an..3	
020	0558	List parameter	M	an..70	

S505 SERVICE CHARACTER FOR SIGNATURE					
Desc: Identification of the characters used as syntactical service characters when a signature was computed.					
POS	TAG	Name	S	Repr.	Notes

010	0551	Service character for signature qualifier	M	an..3	
020	0548	Service character for signature	M	an..4	

S508 VALIDATION RESULT					
Desc: Result of the application of the security mechanism.					
POS	TAG	Name	S	Repr.	Notes
010	0563	Validation value qualifier	M	an..3	
020	0560	Validation value	C	an..1024	1
NOTES: 1. 0560, the length of this data element shall be determined by the characteristics of the cryptographic algorithm used to compute the validation value and the filter function applied to the result.					

5.3 Service simple data element directory

5.3.1 General

The syntax service code list directory forms part of the UN Trade Data Interchange Directory (UNTDID). The most recent UNTDID should be used to reference the code values for the coded data elements in the following simple data element directory.

5.3.2 Service simple data element specification legend

Tag — The tags of all service simple data elements contained in the simple data element directory start with figure "0"

Name — Name of a simple data element

Desc. — Description of the simple data element

Repr. — Data value representation of the simple data element:

- a — alphabetic characters
- n — numeric characters
- an — alphanumeric characters
- a3 — 3 alphabetic characters, fixed length
- n3 — 3 numeric characters, fixed length
- an3 — 3 alphanumeric characters, fixed length
- a..3 — up to 3 alphabetic characters
- n..3 — up to 3 numeric characters
- an..3 — up to 3 alphanumeric characters

5.3.3 Index of service simple data elements by tag

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

	Tag	Name
	0001	Syntax identifier
	0002	Syntax version number
	0004	Interchange sender identification
	0007	Identification code qualifier
	0008	Interchange sender internal identification
	0010	Interchange recipient identification
	0014	Interchange recipient internal identification
	0017	Date
	0019	Time
	0020	Interchange control reference
	0022	Recipient reference/password
	0025	Recipient reference/password qualifier
	0026	Application reference
	0029	Processing priority code
	0031	Acknowledgement request
	0032	Interchange agreement identifier
	0035	Test indicator
	0036	Interchange control count
X	0038	Message group identification
	0040	Application sender identification
	0042	Interchange sender internal sub-identification
	0044	Application recipient identification
	0046	Interchange recipient internal sub-identification

Tag	Name
0048	Group reference number
0051	Controlling agency, coded
0052	Message version number
0054	Message release number
0057	Association assigned code
0058	Application password
0060	Group control count
0062	Message reference number
0065	Message type
0068	Common access reference
0070	Sequence of transfers
0073	First and last transfer
0074	Number of segments in a message
0076	Syntax release number
0080	Service code list directory version number
0081	Section identification
0083	Action, coded
0085	Syntax error, coded
0087	Anti-collision segment group identification
0096	Segment position in message body
0098	Erroneous data element position in segment
0104	Erroneous component data element position
0110	Code list directory version number
0113	Message type sub-function identification
0115	Message subset identification
0116	Message subset version number
0118	Message subset release number
0121	Message implementation guideline identification
0122	Message implementation guideline version number
0124	Message implementation guideline release number
0127	Scenario identification

Tag	Name
0128	Scenario version number
0130	Scenario release number
0133	Character encoding, coded
0135	Service segment tag, coded
0136	Erroneous data element occurrence
0138	Security segment position
0300	Initiator control reference
0303	Initiator reference identification
0304	Responder control reference
0306	Transaction control reference
0311	Dialogue identification
0314	Event time
0320	Sender sequence number
0323	Transfer position, coded
0325	Duplicate Indicator
0331	Report function, coded
0332	Status
0333	Status, coded
0335	Language, coded
0336	Time offset
0338	Event date
0340	Interactive message reference number
0342	Dialogue version number
0344	Dialogue release number
0501	Security service, coded
0503	Response type, coded
0505	Filter function, coded
0507	Original character set encoding, coded
0509	Role of security provider, coded
0511	Security party identification
0513	Security party code list qualifier

	Tag	Name
	0515	Security party code list responsible agency, coded
	0517	Date and time qualifier
	0518	Encryption reference number
	0520	Security sequence number
	0523	Use of algorithm, coded
	0525	Cryptographic mode of operation, coded
	0527	Algorithm, coded
	0529	Algorithm code list identifier
	0531	Algorithm parameter qualifier
	0533	Mode of operation code list identifier
	0534	Security reference number
*	0536	Certificate reference
	0538	Key name
	0541	Scope of security application, coded
	0543	Certificate original character set repertoire, coded
	0545	Certificate syntax and version, coded
	0546	User authorization level
	0548	Service character for signature
	0551	Service character for signature qualifier
	0554	Algorithm parameter value
	0556	Length of data in octets of bits
	0558	List parameter
	0560	Validation value
	0563	Validation value qualifier
	0565	Message relation, coded
	0567	Security status, coded
	0569	Revocation reason, coded
	0571	Security error, coded
	0572	Certificate sequence number
	0575	List parameter qualifier
	0577	Security party qualifier

Tag	Name
0579	Key management function qualifier
0582	Number of padding bytes
0586	Security party name
0588	Number of security segments
0591	Padding mechanism, coded
0601	Padding mechanism code list identifier
0800	Package reference number
0802	Reference identification number
0805	Object type qualifier
0808	Object type attribute
0809	Object type attribute identification
0810	Length of object in octets of bits
0813	Reference qualifier
0814	Number of segments before object

5.3.4 Index of service simple data elements by name

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

Tag	Name
0031	Acknowledgement request
0083	Action, coded
0529	Algorithm code list identifier
0531	Algorithm parameter qualifier
0554	Algorithm parameter value
0527	Algorithm, coded
0087	Anti-collision segment group identification
0058	Application password

	Tag	Name
	0044	Application recipient identification
	0026	Application reference
	0040	Application sender identification
	0057	Association assigned code
	0543	Certificate original character set repertoire, coded
*	0536	Certificate reference
	0572	Certificate sequence number
	0545	Certificate syntax and version, coded
	0133	Character encoding, coded
	0110	Code list directory version number
	0068	Common access reference
	0051	Controlling agency, coded
	0525	Cryptographic mode of operation, coded
	0017	Date
	0517	Date and time qualifier
	0311	Dialogue identification
	0344	Dialogue release number
	0342	Dialogue version number
	0325	Duplicate Indicator
	0518	Encryption reference number
	0104	Erroneous component data element position
	0136	Erroneous data element occurrence
	0098	Erroneous data element position in segment
	0338	Event date
	0314	Event time
	0505	Filter function, coded
	0073	First and last transfer
	0060	Group control count
	0048	Group reference number
	0007	Identification code qualifier
	0300	Initiator control reference

	Tag	Name
	0303	Initiator reference identification
	0340	Interactive message reference number
	0032	Interchange agreement identifier
	0036	Interchange control count
	0020	Interchange control reference
	0010	Interchange recipient identification
	0014	Interchange recipient internal identification
	0046	Interchange recipient internal sub-identification
	0004	Interchange sender identification
	0008	Interchange sender internal identification
	0042	Interchange sender internal sub-identification
	0579	Key management function qualifier
	0538	Key name
	0335	Language, coded
	0556	Length of data in octets of bits
	0810	Length of object in octets of bits
	0558	List parameter
	0575	List parameter qualifier
X	0038	Message group identification
	0121	Message implementation guideline identification
	0124	Message implementation guideline release number
	0122	Message implementation guideline version number
	0062	Message reference number
	0565	Message relation, coded
	0054	Message release number
	0115	Message subset identification
	0118	Message subset release number
	0116	Message subset version number
	0065	Message type
	0113	Message type sub-function identification
	0052	Message version number

Tag	Name
0533	Mode of operation code list identifier
0582	Number of padding bytes
0588	Number of security segments
0814	Number of segments before object
0074	Number of segments in a message
0808	Object type attribute
0809	Object type attribute identification
0805	Object type qualifier
0507	Original character set encoding, coded
0800	Package reference number
0601	Padding mechanism code list identifier
0591	Padding mechanism, coded
0029	Processing priority code
0022	Recipient reference/password
0025	Recipient reference/password qualifier
0802	Reference identification number
0813	Reference qualifier
0331	Report function, coded
0304	Responder control reference
0503	Response type, coded
0569	Revocation reason, coded
0509	Role of security provider, coded
0127	Scenario identification
0130	Scenario release number
0128	Scenario version number
0541	Scope of security application, coded
0081	Section identification
0571	Security error, coded
0513	Security party code list qualifier
0515	Security party code list responsible agency, coded
0511	Security party identification

Tag	Name
0586	Security party name
0577	Security party qualifier
0534	Security reference number
0138	Security segment position
0520	Security sequence number
0501	Security service, coded
0567	Security status, coded
0096	Segment position in message body
0320	Sender sequence number
0070	Sequence of transfers
0548	Service character for signature
0551	Service character for signature qualifier
0080	Service code list directory version number
0135	Service segment tag, coded
0332	Status
0333	Status, coded
0085	Syntax error, coded
0001	Syntax identifier
0076	Syntax release number
0002	Syntax version number
0035	Test indicator
0019	Time
0336	Time offset
0306	Transaction control reference
0323	Transfer position, coded
0523	Use of algorithm, coded
0546	User authorization level
0560	Validation value
0563	Validation value qualifier

5.3.5 Service simple data element specifications

Change indicators (compared with the previous edition of this part of ISO 9735)

a plus sign (+)	for an addition
an asterisk (*)	for an amendment to structure
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
a minus sign (-)	for a deletion
an X sign (X)	for marked for deletion

0001 Syntax identifier
Desc: Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.
Repr: a4
Note 1: The data value consists of the letters “UN”, upper case, identifying the syntax controlling agency, directly followed by an a2 code identifying the character repertoire used.

0002 Syntax version number
Desc: Version number of the syntax.
Repr: an1
Note 1: Shall be “4” to indicate this version of the syntax.

0004 Interchange sender identification
Desc: Name or coded identification of the sender of the interchange.
Repr: an..35
Note 1: Organization code or name as agreed between interchange partners.
Note 2: If coded representation is used, its source may be specified by the qualifier in data element 0007.

0007 Identification code qualifier
Desc: Qualifier referring to the identification code.
Repr: an..4
Note 1: A qualifier code may refer to an organization identification as in ISO/IEC 6523.

0008 Interchange sender internal identification
Desc: Identification (for example, a division, branch or computer system/process) specified by the sender of interchange, to be included if agreed, by the recipient in response interchanges, to facilitate internal routing.
Repr: an..35

0010 Interchange recipient identification
Desc: Name or coded identification of the recipient of the interchange.
Repr: an..35

Note 1: Organization code or name as agreed between interchange partners.
Note 2: If coded representation is used, its source may be specified by the qualifier in data element 0007.

0014 Interchange recipient internal identification
Desc: Identification (for example, a division, branch or computer system/process) specified by the recipient of interchange, to be included if agreed, by the sender in response interchanges, to facilitate internal routing.
Repr: an..35

0017 Date
Desc: Local date when an interchange or a group was prepared.
Repr: n8
Note 1: Format is CCYYMMDD.

0019 Time
Desc: Local time of day when an interchange or a group was prepared.
Repr: n4
Note 1: Format is HHMM in 24 h clock.

0020 Interchange control reference
Desc: Unique reference assigned by the sender to an interchange.
Repr: an..14

0022 Recipient reference/password
Desc: Reference or password to the recipient's system or to a third party network as specified in the partners' interchange agreement.
Repr: an..14
Note 1: To be used as specified in the partners' interchange agreement. It may be qualified by data element 0025.

0025 Recipient reference/password qualifier
Desc: Qualifier for the recipient's reference or password.
Repr: an2
Note 1: To be used as specified in the partners' interchange agreement.

0026 Application reference
Desc: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message type, if all the messages in the interchange are of the same type.
Repr: an..14
Note 1: Identification of the application area (e.g. accounting, purchasing) or of the message type, as applicable.

0029 Processing priority code
Desc: Code determined by the sender requesting processing priority for the interchange.

Repr: a1
Note 1: To be used as specified in the partners' interchange agreement.

0031 Acknowledgement request
Desc: Code requesting acknowledgement for the interchange.
Repr: n1
Note 1: Used if the sender requests that a message related to syntactical correctness be sent by the recipient in response.
Note 2: For UN/EDIFACT a specific message (Syntax and service report - CONTRL) is defined for this purpose.

0032 Interchange agreement identifier
Desc: Identification by name or code of the type of agreement under which the interchange takes place.
Repr: an..35
Note 1: Name or code to be specified in the partners' interchange agreement.

0035 Test indicator
Desc: Indication that the structural level containing the test indicator is a test.
Repr: n1

0036 Interchange control count
Desc: The number of messages and packages in an interchange or, if used, the number of groups in an interchange.
Repr: n..6

X 0038 Message group identification
Desc: Identification of the single message type in the group.
Repr: an..6
Note 1: This data element will be deleted from the next version of the standard. Therefore its use is not recommended.

0040 Application sender identification
Desc: Name or coded identification of the application sender (for example, a division, branch or computer system/process).
Repr: an..35

0042 Interchange sender internal sub-identification
Desc: Sub-level of sender internal identification, when further sub-level identification is required.
Repr: an..35

0044 Application recipient identification
Desc: Name or coded identification of the application recipient (for example, a division, branch or computer system/process).
Repr: an..35

0046 Interchange recipient internal sub-identification

Desc: Sub-level of recipient internal identification, when further sub-level identification is required.
Repr: an..35

0048 Group reference number
Desc: Unique reference number for the group within an interchange.
Repr: an..14

0051 Controlling agency, coded
Desc: Code identifying a controlling agency.
Repr: an..3

0052 Message version number
Desc: Version number of a message type.
Repr: an..3

0054 Message release number
Desc: Release number within the current message version number.
Repr: an..3

0057 Association assigned code
Desc: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.
Repr: an..6

0058 Application password
Desc: Password to the recipient's division, department or sectional application system/process.
Repr: an..14

0060 Group control count
Desc: The number of messages and packages in the group.
Repr: n..6

0062 Message reference number
Desc: Unique message reference assigned by the sender.
Repr: an..14

0065 Message type
Desc: Code identifying a type of message and assigned by its controlling agency.
Repr: an..6
Note 1: In UNSMs (United Nations Standard Messages), the representation is a6.

0068 Common access reference

Desc: Reference serving as a key to relate all subsequent transfers of data to the same business case or file.
Repr: an..35

0070 Sequence of transfers
Desc: Number assigned by the sender indicating the transfer sequence of a message related to the same topic. The message could be an addition or a change to an earlier transfer related to the same topic.
Repr: n..2
Note 1: The first message in the sequence shall be assigned as number 1.

0073 First and last transfer
Desc: Indication used for the first and last message in a sequence of messages related to the same topic.
Repr: a1

0074 Number of segments in a message
Desc: The number of segments in a message body, plus the message header segment and message trailer segment.
Repr: n..10

0076 Syntax release number
Desc: The number of a syntax release (within an existing syntax version number).
Repr: an2

0080 Service code list directory version number
Desc: Version number of the service code list directory.
Repr: an..6

0081 Section identification
Desc: Identification of the separation of sections of a message.
Repr: a1

0083 Action, coded
Desc: A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange, or indication of interchange receipt.
Repr: an..3

0085 Syntax error, coded
Desc: A code indicating the error detected.
Repr: an..3

0087 Anti-collision segment group identification
Desc: To identify uniquely an anti-collision segment group in a message.

Repr: an..4
Note 1: The value of this data element shall be the segment group number of the UGH/UGT segment group as stated in the message specification.

0096 Segment position in message body
Desc: The numerical count position of a specific segment that is within the actual received message body. The numbering starts with, and includes, the UNH or the UIH segment as segment number 1. To identify a segment that contains an error, this is the numerical count position of that segment. To report that a segment is missing, this is the numerical count position of the last segment that was processed before the position where the missing segment was expected to be. A missing segment group is denoted by identifying the first segment in the group as missing.
Repr: n..6

0098 Erroneous data element position in segment
Desc: The numerical count position of the stand-alone or composite data element in error. The segment code and each following stand-alone or composite data element defined in the segment description shall cause the count to be incremented. The segment tag has position number 1.
Repr: n..3

0104 Erroneous component data element position
Desc: The numerical count position of the component data element in error. Each component data element position defined in the composite data element description shall cause the count to be incremented. The count starts at 1.
Repr: n..3

0110 Code list directory version number
Desc: Version number of the code list directory.
Repr: an..6

0113 Message type sub-function identification
Desc: Code identifying a sub-function of a message type.
Repr: an..6
Note 1: The code qualifies the message type data element (0065) to allow the recipient to identify a specific sub-function of a message.

0115 Message subset identification
Desc: Coded identification of a message subset, assigned by its controlling agency.
Repr: an..14

0116 Message subset version number
Desc: Version number of the message subset.
Repr: an..3

0118 Message subset release number

Desc: Release number within the message subset version number.
Repr: an..3

0121 Message implementation guideline identification
Desc: Coded identification of the message implementation guideline, assigned by its controlling agency.
Repr: an..14

0122 Message implementation guideline version number
Desc: Version number of the message implementation guideline.
Repr: an..3

0124 Message implementation guideline release number
Desc: Release number within the message implementation guideline version number.
Repr: an..3

0127 Scenario identification
Desc: Code identifying scenario.
Repr: an..14

0128 Scenario version number
Desc: Version number of a scenario.
Repr: an..3

0130 Scenario release number
Desc: Release number within the scenario version number.
Repr: an..3

0133 Character encoding, coded
Desc: Coded identification of the character encoding used in the interchange.
Repr: an..3
Note 1: To be used as specified in the partners' interchange agreement, for the purpose of identifying the character repertoire encoding technique used in the interchange (when the default encoding defined by the character repertoire's associated character set specification is not used).

0135 Service segment tag, coded
Desc: Code identifying a service segment.
Repr: an..3

0136 Erroneous data element occurrence
Desc: The numerical occurrence of the repeating stand-alone or composite data element in error. Each occurrence (as indicated by the repetition separator) shall cause the count to be incremented. The count starts at 1.
Repr: n..6

0138 Security segment position

Desc: The numerical count position of a specific security segment that is within the actual received security header/trailer segment group pair, identified by its security reference number. The numbering starts with, and includes, the USH segment as segment number 1. To identify a security segment that contains an error, this is the numerical count position of that security segment. To report that a security segment is missing, this is the numerical count position of the last security segment that was processed before the position where the missing security segment was expected to be. A missing security segment group is denoted by identifying the first segment in the security segment group as missing.
Repr: n..6

0300 Initiator control reference
Desc: A reference assigned by the dialogue initiator.
Repr: an..35

0303 Initiator reference identification
Desc: Organization code or name assigned by the party that initiated the transaction or dialogue.
Repr: an..35

0304 Responder control reference
Desc: A reference assigned by the dialogue responder.
Repr: an..35

0306 Transaction control reference
Desc: A reference assigned by the transaction initiator.
Repr: an..35

0311 Dialogue identification
Desc: Code identifying a dialogue.
Repr: an..14

0314 Event time
Desc: Time of event.
Repr: an..15
Note 1: Format is HHMMSS … with up to 9 more digits of precision. A “Z” as the last character indicates UTC time. (ISO 8601)

0320 Sender sequence number
Desc: Identification of the sequence number of the message or package within the sender interchange.
Repr: n..6

0323 Transfer position, coded
Desc: Indication of the position of a transfer.
Repr: a1

0325 Duplicate Indicator

Desc: Indication that the structure is a duplicate of a previously sent structure.
Repr: a1

0331 Report function, coded
Desc: Coded value identifying type of status or error report.
Repr: an..3

0332 Status
Desc: Textual explanation of the reason for the status or error report.
Repr: an..70

0333 Status, coded
Desc: Code identifying the reason for the status or error report.
Repr: an..3

0335 Language, coded
Desc: Code identifying the language used.
Repr: an..3
Note 1: The code list for this data element is maintained by ISO (ISO 639).

0336 Time offset
Desc: UTC (Universal Coordinated Time) offset from event time.
Repr: n4
Note 1: Format is HHMM. Shall be prefixed with “-” for negative offsets. (ISO 8601)

0338 Event date
Desc: Date of event.
Repr: n..8
Note 1: Format is YYMMDD or CCYYMMDD.

0340 Interactive message reference number
Desc: Unique interactive message reference assigned by the sender.
Repr: an..35

0342 Dialogue version number
Desc: Version number of a dialogue.
Repr: an..3

0344 Dialogue release number
Desc: Release number of a dialogue.
Repr: an..3

0501 Security service, coded

Desc: Specification of the security service applied.
Repr: an..3

0503 Response type, coded
Desc: Specification of the type of response expected from the recipient.
Repr: an..3

0505 Filter function, coded
Desc: Identification of the filtering function used to reversibly map any bit pattern on to a restricted character set.
Repr: an..3

0507 Original character set encoding, coded
Desc: Identification of the character set in which the secured EDIFACT structure was encoded when security mechanisms were applied.
Repr: an..3

0509 Role of security provider, coded
Desc: Identification of the role of the security provider in relation to the secured item.
Repr: an..3

0511 Security party identification
Desc: Identification of a party involved in the security process, according to a defined registry of security parties.
Repr: an..1024

0513 Security party code list qualifier
Desc: Identification of the type of identification used to register the security parties.
Repr: an..3

0515 Security party code list responsible agency, coded
Desc: Identification of the agency in charge of registration of the security parties.
Repr: an..3

0517 Date and time qualifier
Desc: Specification of the type of date and time.
Repr: an..3

0518 Encryption reference number
Desc: Reference number to the encrypted EDIFACT structure.
Repr: an..35

0520 Security sequence number
Desc: Sequence number assigned to the EDIFACT structure to which security is applied.

Repr: an..35
Note 1: This sequence number is security related and may differ from the identification of the EDIFACT structure that may appear elsewhere. It may be used when sequence integrity is required.

0523 Use of algorithm, coded
Desc: Specification of the usage made of the algorithm.
Repr: an..3

0525 Cryptographic mode of operation, coded
Desc: Specification of the mode of operation used for the algorithm.
Repr: an..3

0527 Algorithm, coded
Desc: Identification of the algorithm.
Repr: an..3

0529 Algorithm code list identifier
Desc: Specification of the code list used to identify the algorithm.
Repr: an..3

0531 Algorithm parameter qualifier
Desc: Specification of the type of parameter value.
Repr: an..3

0533 Mode of operation code list identifier
Desc: Specification of the code list used to identify the cryptographic mode of operation.
Repr: an..3

0534 Security reference number
Desc: Unique reference number assigned by the security originator to a pair of security header and security trailer groups.
Repr: an..14
Note 1: The value shall be arbitrarily assigned, but the same value shall not be used more than once within the same EDIFACT structure, i.e. interchange, group, message or package.

* 0536 Certificate reference
Desc: Identifies one certificate for a certification authority.
Repr: an..70

0538 Key name
Desc: Name used to establish a key relationship between the parties.
Repr: an..35

0541 Scope of security application, coded
Desc: Specification of the scope of application of the security service defined in the security header.

Repr: an..3
Note 1: It defines the data that have to be taken into account by the related cryptographic process.

0543 Certificate original character set repertoire, coded
Desc: Identification of the character set repertoire used to create the certificate it was signed.
Repr: an..3

0545 Certificate syntax and version, coded
Desc: Coded identification of the syntax and version used to create the certificate.
Repr: an..3

0546 User authorization level
Desc: Specification of the authorization level associated with the owner of the certificate.
Repr: an..35

0548 Service character for signature
Desc: Service character used when the signature was computed.
Repr: an..4
Note 1: In order to avoid translator problems, this service character is represented by its value in the character set identified by the original character set encoding data element (0507), hexa-filtered on, at least, two characters. For example the service character “” is coded “27” (two characters), if ASCII 8bit code page is used.

0551 Service character for signature qualifier
Desc: Identification of the type of service character used when the signature was computed.
Repr: an..3

0554 Algorithm parameter value
Desc: Value of a parameter required by the algorithm.
Repr: an..512
Note 1: If necessary, this value shall be filtered by an appropriate filter function. Note that key names do not need to be filtered.

0556 Length of data in octets of bits
Desc: A count of the data octets of bits.
Repr: n..18

0558 List parameter
Desc: Specification of the list requested or delivered.
Repr: an..70

0560 Validation value
Desc: Security result corresponding to the security function specified.

Repr: an..1024
Note 1: If necessary, this value shall be filtered by an appropriate filter function.

0563 Validation value, qualifier
Desc: Identification of the type of validation value.
Repr: an..3

0565 Message relation, coded
Desc: Relationship with another message, past or future.
Repr: an..3

0567 Security status, coded
Desc: Identification of the security element (key or certificate, for instance) status.
Repr: an..3

0569 Revocation reason, coded
Desc: Identification of the reason why the certificate has been revoked.
Repr: an..3

0571 Security error, coded
Desc: Identifies the security error causing the rejection of the EDIFACT structure.
Repr: an..3
Note 1: This element shall specify the security error encountered. These may be the reason for non-acknowledgement by a request for secure acknowledgement, or may be sent on the initiative of the receiver of an AUTACK or secured EDIFACT structure which contains error.

0572 Certificate sequence number
Desc: Specification of a certificate's position within a certification path.
Repr: n..4
Note 1: Allows certification paths to be ordered by specifying the ordinal number of the certificate within a certification path.

0575 List parameter qualifier
Desc: Specification of the type of list parameter.
Repr: an..3

0577 Security party qualifier
Desc: Identification of the role of the security party.
Repr: an..3

0579 Key management function qualifier
Desc: Specification of the type of key management function.
Repr: an..3

0582 Number of padding bytes

Desc: Count of the number of padding bytes.
Repr: n..2

0586 Security party name
Desc: Name of the security party.
Repr: an..35

0588 Number of security segments
Desc: The number of security segments in a security header/trailer group pair, plus the USD and USU segments where the security header/trailer group pair is used for encryption.
Repr: n..10
Note 1: Each security header/trailer group pair shall contain its own count of the number of security segments within that group pair.
Note 2: The count of the number of security segments includes the USR segment in the security trailer.

0591 Padding mechanism, coded
Desc: Padding mechanism or padding scheme applied.
Repr: an..3

0601 Padding mechanism code list identifier
Desc: Specification of the code list used to identify the padding mechanism or padding scheme.
Repr: an..3

0800 Package reference number
Desc: Unique package reference number assigned by the sender.
Repr: an..35

0802 Reference identification number
Desc: Reference number to identify a message, message group and/or interchange, which relates to the object.
Repr: an..35

0805 Object type qualifier
Desc: Qualifier referring to the type of object.
Repr: an..3

0808 Object type attribute
Desc: The attribute applying to the object type.
Repr: an..256

0809 Object type attribute identification
Desc: Coded identification of the attribute applying to the object type.
Repr: an..256

0810 Length of object in octets of bits
Desc: Count of the number of octets of bits in the object.

Repr: n..18
Note 1: The count shall exclude the segment terminator of the preceding EDIFACT structured segment and the first character (“U”) of the following EDIFACT structured segment.

0813 Reference qualifier
Desc: Code giving specific meaning to a reference identification number.
Repr: an..3

0814 Number of segments before object
Desc: A count of the number of segments appearing between the UNO segment and the start of the object.
Repr: n..3

6 Syntax service code list directory

The syntax service code list directory is maintained by the UN/CEFACT and is part of the UN Trade Data Interchange Directory (UNTDID) and as such is not reproduced in this part of ISO 9735. The most recent version of the syntax service code list directory should be used to reference the code values for the coded data elements in the service simple data element directory (see 5.3).

The syntax service code list directory can be downloaded from the Joint Syntax Working Group website at < www.gefeg.com/jswg>. To assist users of ISO 9735, however, a snapshot of the syntax service code list directory current at the time of preparation of this part of ISO 9735 is included for information as Annex A.

Annex A
(informative)

Snapshot of the syntax service code list directory

A.1 General

In order to illustrate the usage of the coded data elements shown in the service simple data elements directory, this annex contains a snapshot of the current release 40203 of ISO 9735, version 4, release 2, syntax service code list directory.

The syntax service code list directory is maintained by the Joint Syntax Working Group. Currently, the directory is updated bi-annually at the same time as the UN/CEFACT user directory set.

The ISO 9735 syntax service code list directory is published on the JSWG website <www.gefeg.com/jswg>.

A.2 Code lists

Change indicators (in comparison with release 40202 of the syntax service code list)

a plus sign (+)	for an addition
an asterisk (*)	for an addition/subtraction/change to an entry for a particular data element
a hash sign (#)	for changes to names
a vertical bar (|)	for changes to text for descriptions, notes and functions
an X sign (X)	for marked for deletion

0001 Syntax identifier	
Desc: Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.	
Repr: a4	
Note 1: The data value consists of the letters “UN”, upper case, identifying the syntax controlling agency, directly followed by an a2 code identifying the character repertoire used.	
UNOA	UN/ECE level A As defined in the basic code table of ISO/IEC 646 with the exceptions of lower case letters, alternative graphic character allocations and national or application-oriented graphic character allocations.
UNOB	UN/ECE level B As defined in the basic code table of ISO/IEC 646 with the exceptions of alternative graphic character allocations and national or application-oriented graphic character allocations.
UNOC	UN/ECE level C As defined in ISO/IEC 8859-1 (Latin alphabet No. 1)
UNOD	UN/ECE level D As defined in ISO/IEC 8859-2 (Latin alphabet No. 2)

UNOE	UN/ECE level E As defined in ISO/IEC 8859-5 (Latin/Cyrillic alphabet)
UNOF	UN/ECE level F As defined in ISO/IEC 8859-7 (Latin/Greek alphabet)
UNOG	UN/ECE level G As defined in ISO/IEC 8859-3 (Latin alphabet No. 3)
UNOH	UN/ECE level H As defined in ISO/IEC 8859-4 (Latin alphabet No. 4)
UNOI	UN/ECE level I As defined in ISO/IEC 8859-6 (Latin/Arabic alphabet)
UNOJ	UN/ECE level J As defined in ISO/IEC 8859-8 (Latin/Hebrew alphabet)
UNOK	UN/ECE level K As defined in ISO/IEC 8859-9 (Latin alphabet No. 5)
UNOL	UN/ECE level L As defined in ISO/IEC 8859-15 (Latin alphabet No. 9)
UNOX	UN/ECE level X Code extension technique as defined by ISO/IEC 2022 utilizing the escape techniques in accordance with ISO/IEC 2375.
UNOY	UN/ECE level Y ISO/IEC 10646 octet without code extension technique.
UNOW	UN/ECE level W ISO/IEC 10646 octet with code extension technique to support UTF-8 (UCS Transformation Format, 8 bit) encoding.

0002 Syntax version number	
Desc: Version number of the syntax.	
Repr: an1	
Note 1: Shall be “4” to indicate this version of the syntax.	
1	Version 1 ISO 9735:1988
2	Version 2 ISO 9735:1988 (amended and reprinted in 1990)
3	Version 3 ISO 9735:1988 and ISO 9735:1988/Amd 1:1992
4	Version 4 ISO 9735:1998 (all parts)

0007 Identification code qualifier
Desc: Qualifier referring to the identification code.
Repr: an..4
Note 1: A qualifier code may refer to an organization identification as in ISO/IEC 6523.

1	DUNS (Data Universal Numbering System) Partner identification code assigned by Dun and Bradstreet.
4	IATA (International Air Transport Association) Partner identification code assigned by the International Air Transport Association.
5	INSEE (Institut National de la Statistique et des Etudes Economiques) - SIRET French national statistics institute. SIRET means Systeme Informatique du Repertoire des entreprises et de leurs ETablissements.
8	UCC Communications ID (Uniform Code Council Communications Identifier) The Uniform Code Council Communications Identifier is a 10 digit code used to uniquely identify physical and logical locations.
9	DUNS (Data Universal Numbering System) with 4 digit suffix Partner identification code assigned by Dun and Bradstreet with the 4 digit suffix.
12	Telephone number Partner identification code corresponds to the partner telephone number.
14	GS1 Partner identification code assigned by GS1, an international Organization of GS1 Member Organizations that manages the GS1 system.
18	AIAG (Automotive Industry Action Group) Partner identification code assigned by the Automotive Industry Action Group.
22	INSEE (Institut National de la Statistique et des Etudes Economiques) - SIREN French national statistics institute. SIREN means Systeme Informatique du Repertoire des ENtreprises (et de leurs etablissements)
30	ISO/IEC 6523: Organization identification Partner identification code specified in ISO/IEC 6523 (Structures for the identification of organizations)
31	DIN (Deutsches Institut für Normung) German standardization institute.
33	BfA (Bundesversicherungsanstalt für Angestellte) German social security association.
34	National Statistical Agency Partner identification code assigned by a national statistical agency.
51	GEIS (General Electric Information Services) Partner identification code assigned by General Electric Information Services.
52	INS (IBM Network Services) Partner identification code assigned by IBM Network Services
53	Datenzentrale des Einzelhandels German data centre for retail trade.
54	Bundesverband der Deutschen Baustoffhaendler German building material trade association.
55	Bank identifier code Partner identification code corresponds to the partner bank identification code
57	KTNet (Korea Trade Network Services) Partner identification code assigned by Korea Trade Network Services

58	UPU (Universal Postal Union) Partner identification code assigned by the Universal Postal Union
59	ODETTE (Organization for Data Exchange through Tele-Transmission in Europe) European automotive industry project
61	SCAC (Standard Carrier Alpha Code) Directory of standard multimodal carriers and tariff agent codes. The SCAC lists and codes transportation companies
63	ECA (Electronic Commerce Australia) Australian association for electronic commerce
65	TELEBOX 400 (Deutsche Telekom) German telecommunications service
80	NHS (National Health Service) United Kingdom National Health Service
82	Statens Teleforvaltning Norwegian telecommunications regulatory authority (NTRA)
84	Athens Chamber of Commerce Greek Chamber of Commerce
85	Swiss Chamber of Commerce Swiss Chamber of Commerce.
86	US Council for International Business United States Council for International Business
87	National Federation of Chambers of Commerce and Industry Belgium National Federation of Chambers of Commerce and Industry
89	Association of British Chambers of Commerce Association of British Chambers of Commerce
90	SITA (Societe Internationale de Telecommunications Aeronautiques) SITA (Societe Internationale de Telecommunications Aeronautiques)
91	Assigned by seller or seller's agent Partner identification code assigned by the seller or seller's agent
92	Assigned by buyer or buyer's agent Partner identification code assigned by the buyer or buyer's agent
103	TW, Trade-van Trade-van is an EDI VAN service centre for customs, transport, and insurance in national and international trade
128	CH, BCNR (Swiss Clearing Bank Number) Code for the identification of a Swiss clearing bank as a sender and/or receiver of an electronic message
129	CH, BPI (Swiss Business Partner Identification) Code for the identification of a corporate or a Swiss non-clearing bank as a sender and/or receiver of an electronic message
144	US, DoDAAC (Department of Defence Activity Address Code) Code assigned to uniquely identify all military units in the United States Department of Defence
145	FR, DGCP (Direction Generale de la Comptabilite Publique) Code assigned by the French public accounting office

146	FR, DGI (Direction Generale des Impots) Code assigned by the French taxation authority
147	JP, JIPDEC/ECPC (Japan Information Processing Development Corporation / Electronic Commerce Promotion Center) Partner identification code which is registered with JIPDEC/ECPC
148	ITU (International Telecommunications Union) Data Network Identification Code (DNIC) Data network identification code assigned by the ITU
500	DE, BDEW (Bundesverband der Energie- und Wasserwirtschaft e.V.) The Federal Association of Energy and Water (BDEW) is the trade association of the German industries for natural gas, electricity supply, long-distance heating and water supply
501	EASEE-gas (European Association for the Streamlining of Energy Exchange) Partner identification code which is registered with EASEE-gas
502	DE, DVGW (Deutsche Vereinigung des Gas- und Wasserfaches e.V.) The DVGW is the German Technical and Scientific Association for Gas and Water.
Z01	Vehicle registration number Registration number of a vehicle assigned by a recognized authority
ZZZ	Mutually defined Mutually defined between trading partners

0025 Recipient reference/password qualifier	
Desc: Qualifier for the recipient's reference or password.	
Repr: an2	
Note 1: To be used as specified in the partners' interchange agreement.	
AA	Reference Recipient's reference/password is a reference.
BB	Password Recipient's reference/password is a password.

0029 Processing priority code	
Desc: Code determined by the sender requesting processing priority for the interchange.	
Repr: a1	
Note 1: To be used as specified in the partners' interchange agreement.	
A	Highest priority Requested processing priority is the highest.

0031 Acknowledgement request
Desc: Code requesting acknowledgement for the interchange.
Repr: n1
Note 1: Used if the sender requests that a message related to syntactical correctness be sent by the recipient in response.
Note 2: For UN/EDIFACT a specific message (Syntax and service report - CONTRL) is defined for this purpose.

1	Acknowledgement requested Acknowledgement is requested.
2	Indication of receipt Confirmation of receipt only.

0035 Test indicator	
Desc: Indication that the structural level containing the test indicator is a test.	
Repr: n1	
1	Interchange is a test Indicates that the interchange is a test.
2	Syntax only test Test only syntax of structure.
3	Echo request To be returned without change, except for this data element to have the value 4.
4	Echo response Returned without change except for this data element changing from 3 to 4.
5	Interchange is a service provider test Indicates that this interchange is a test with a service provider.

0051 Controlling agency, coded	
Desc: Code identifying a controlling agency.	
Repr: an..3	
AA	EDICONSTRUCT French construction project.
AB	DIN (Deutsches Institut für Normung) German standardization institute.
AC	ICS (International Chamber of Shipping) The International Chamber of Shipping.
AD	UPU (Union Postale Universelle) Universal Postal Union.
AE	United Kingdom ANA (Article Numbering Association) Identifies the Article Numbering Association of the United Kingdom.
AF	ANSI ASC X12 (American National Standard Institute Accredited Standards Committee X12) Identifies the United States electronic data interchange standards body.
AG	US DoD (United States Department of Defence) The United States Department of Defence is the entity controlling the message specification.
AH	US Federal Government The United States Federal Government is the entity controlling the message specification.
AI	EDIFICAS European EDI association for financial, informational, cost, accounting, auditing and social areas.
CC	CCC (Customs Co-operation Council) The Customs Co-operation Council.

CE	CEFIC (Conseil Europeen des Federations de l'Industrie Chimique) EDI project for chemical industry.
EC	EDICON UK Construction project.
ED	EDIFICE (Electronic industries project) EDI Forum for companies with Interest in Computing and Electronics (EDI project for EDP/ADP sector).
EE	EC + EFTA (European Communities and European Free Trade Association) The European Communities and the European Free Trade Association.
EN	GS1 Partner identification code assigned by GS1, an international organization of GS1 Member Organization that manages the GS1 System.
ER	UIC (International Union of railways) European railways.
EU	European Union The European Union.
EW	UN/EDIFACT Working Group (EWG) United Nations working group responsible for UN/EDIFACT (United Nations, Electronic Data Interchange for Administration, Commerce and Transport).
EX	IECC (International Express Carriers Conference) The International Express Carriers Conference.
IA	IATA (International Air Transport Association) The International Air Transport Association.
KE	KEC (Korea EDIFACT Committee) The Korea EDIFACT Committee.
LI	LIMNET UK Insurance project.
OD	ODETTE (Organization for Data Exchange through Tele-Transmission in Europe) European automotive industry project.
RI	RINET (Reinsurance and Insurance Network) The Reinsurance and Insurance Network.
RT	UN/ECE/TRADE/WP.4/GE.1/EDIFACT Rapporteurs' Teams United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4), Group of Experts on data elements and automatic data interchange (GE.1), EDIFACT Rapporteurs' Teams.
UN	UN/CEFACT United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).

0052 Message version number	
Desc: Version number of a message type.	
Repr: an..3	
1	Status 1 version Message approved and issued as a status 1 (trial) message. (Valid for directories published after March 1990 and prior to March 1993).

2	Status 2 version Message approved and issued as a status 2 (formal recommendation) message. (Valid for directories published after March 1990 and prior to March 1993).
4	Service message, version 4 Service messages approved and issued as a part of ISO 9735 version 4, for use with that version of the syntax. Note: 1. For earlier versions of the UN/EDIFACT CONTRL message, each published by the UN as a stand-alone message, the version number to be used is specified in the message documentation.
88	1988 version Message approved and issued in the 1988 release of the UNTDID (United Nations Trade Data Interchange Directory) as a status 2 (formal recommendation) message.
89	1989 version Message approved and issued in the 1989 release of the UNTDID (United Nations Trade Data Interchange Directory) as a status 2 (formal recommendation) message.
90	1990 version Message approved and issued in the 1990 release of the UNTDID (United Nations Trade Data Interchange Directory) as a status 2 (formal recommendation) message.
D	Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).
S	Standard version Message approved and issued as a standard message. (Valid for directories published after March 1993 and prior to March 1997).

* 0054 Message release number	
Desc: Release number within the current message version number.	
Repr: an..3	
1	First release User message approved and issued in the first release of the year of the UNTDID (United Nations Trade Data Interchange Directory); valid for directories published prior to March 1990. Service message approved and issued as the first release of the message within a version of ISO 9735; valid for version 4 of ISO 9735 and later.
2	Second release User message approved and issued in the second release of the year of the UNTDID (United Nations Trade Data Interchange Directory); valid for directories published prior to March 1990. Service message approved and issued as the second release of the message within a version of ISO 9735; valid for version 4 of ISO 9735 and later.
902	Trial release 1990 Message approved and issued in the 1990 status 1 (trial) release of the UNTDID (United Nations Trade Data Interchange Directory).
911	Trial release 1991 Message approved and issued in the 1991 status 1 (trial) release of the UNTDID (United Nations Trade Data Interchange Directory).
912	Standard release 1991 Message approved and issued in the 1991 status 2 (standard) release of the UNTDID (United Nations Trade Data Interchange Directory).

921	Trial release 1992 Message approved and issued in the 1992 status 1 (trial) release of the UNTDID (United Nations Trade Data Interchange Directory).
932	Standard release 1993 Message approved and issued in the 1993 status 2 (standard) release of the UNTDID (United Nations Trade Data Interchange Directory).
00A	Release 2000 - A Message approved and issued in the first 2000 release of the UNTDID (United Nations Trade Data Interchange Directory).
00B	Release 2000 - B Message approved and issued in the second 2000 release of the UNTDID (United Nations Trade Data Interchange Directory).
01A	Release 2001 - A Message approved and issued in the first 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).
01B	Release 2001 - B Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).
01C	Release 2001 - C Message approved and issued in the third 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).
02A	Release 2002 - A Message approved and issued in the first 2002 release of the UNTDID (United Nations Trade Data Interchange Directory).
02B	Release 2002 - B Message approved and issued in the second 2002 release of the UNTDID (United Nations Trade Data Interchange Directory).
03A	Release 2003 - A Message approved and issued in the first 2003 release of the UNTDID (United Nations Trade Data Interchange Directory).
03B	Release 2003 - B Message approved and issued in the second 2003 release of the UNTDID (United Nations Trade Data Interchange Directory).
04A	Release 2004 - A Message approved and issued in the first 2004 release of the UNTDID (United Nations Trade Data Interchange Directory).
04B	Release 2004 - B Message approved and issued in the second 2004 release of the UNTDID (United Nations Trade Data Interchange Directory).
05A	Release 2005 - A Message approved and issued in the first 2005 release of the UNTDID (United Nations Trade Data Interchange Directory).
05B	Release 2005 - B Message approved and issued in the second 2005 release of the UNTDID (United Nations Trade Data Interchange Directory).
06A	Release 2006 - A Message approved and issued in the first 2006 release of the UNTDID (United Nations Trade Data Interchange Directory).

06B	Release 2006 - B Message approved and issued in the second 2006 release of the UNTDID (United Nations Trade Data Interchange Directory).
07A	Release 2007 - A Message approved and issued in the first 2007 release of the UNTDID (United Nations Trade Data Interchange Directory).
07B	Release 2007 - B Message approved and issued in the second 2007 release of the UNTDID (United Nations Trade Data Interchange Directory).
08A	Release 2008 - A Message approved and issued in the first 2008 release of the UNTDID (United Nations Trade Data Interchange Directory).
08B	Release 2008 - B Message approved and issued in the second 2008 release of the UNTDID (United Nations Trade Data Interchange Directory).
09A	Release 2009 - A Message approved and issued in the first 2009 release of the UNTDID (United Nations Trade Data Interchange Directory).
09B	Release 2009 - B Message approved and issued in the second 2009 release of the UNTDID (United Nations Trade Data Interchange Directory).
10A	Release 2010 - A Message approved and issued in the first 2010 release of the UNTDID (United Nations Trade Data Interchange Directory).
10B	Release 2010 - B Message approved and issued in the second 2010 release of the UNTDID (United Nations Trade Data Interchange Directory).
11A	Release 2011 - A Message approved and issued in the first 2011 release of the UNTDID (United Nations Trade Data Interchange Directory).
11B	Release 2011 - B Message approved and issued in the second 2011 release of the UNTDID (United Nations Trade Data Interchange Directory).
12A	Release 2012 - A Message approved and issued in the first 2012 release of the UNTDID (United Nations Trade Data Interchange Directory).
12B	Release 2012 - B Message approved and issued in the second 2012 release of the UNTDID (United Nations Trade Data Interchange Directory).
+ 13A	Release 2013 - A Message approved and issued in the first 2013 release of the UNTDID (United Nations Trade Data Interchange Directory).
93A	Release 1993 - A Message approved and issued in the 1993 release of the UNTDID (United Nations Trade Data Interchange Directory).
94A	Release 1994 - A Message approved and issued in the first 1994 release of the UNTDID (United Nations Trade Data Interchange Directory).

94B	Release 1994 - B Message approved and issued in the second 1994 release of the UNTDID (United Nations Trade Data Interchange Directory).
95A	Release 1995 - A Message approved and issued in the first 1995 release of the UNTDID (United Nations Trade Data Interchange Directory).
95B	Release 1995 - B Message approved and issued in the second 1995 release of the UNTDID (United Nations Trade Data Interchange Directory).
96A	Release 1996 - A Message approved and issued in the first 1996 release of the UNTDID (United Nations Trade Data Interchange Directory).
96B	Release 1996 - B Message approved and issued in the second 1996 release of the UNTDID (United Nations Trade Data Interchange Directory).
97A	Release 1997 - A Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).
97B	Release 1997 - B Message approved and issued in the second 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).
98A	Release 1998 - A Message approved and issued in the first 1998 release of the UNTDID (United Nations Trade Data Interchange Directory).
98B	Release 1998 - B Message approved and issued in the second 1998 release of the UNTDID (United Nations Trade Data Interchange Directory).
99A	Release 1999 - A Message approved and issued in the first 1999 release of the UNTDID (United Nations Trade Data Interchange Directory).
99B	Release 1999 - B Message approved and issued in the second 1999 release of the UNTDID (United Nations Trade Data Interchange Directory).

0065 Message type	
Desc: Code identifying a type of message and assigned by its controlling agency.	
Repr: an..6	
Note 1: In UNSMs (United Nations Standard Messages), the representation is a6.	
APERAK	Application error and acknowledgement message A code to identify the application error and acknowledgement message.
AUTACK	Secure authentication and acknowledgement message A code to identify the secure authentication and acknowledgement message.
AUTHOR	Authorization message A code to identify the authorization message.
AVLREQ	Availability request - interactive message A code to identify the availability request - interactive message.

AVLRSP	Availability response - interactive message A code to identify the availability response - interactive message.
BALANC	Balance message A code to identify the balance message.
BANSTA	Banking status message A code to identify the banking status message.
BAPLIE	Bayplan/stowage plan occupied and empty locations message A code to identify the bayplan/stowage plan occupied and empty locations message.
BERMAN	Berth management message A code to identify the berth management message.
BMISRM	Bulk marine inspection summary report message A code to identify the bulk marine inspection summary report message.
BOPBNK	Bank transactions and portfolio transactions report message A code to identify the bank transactions and portfolio transactions report message.
BOPCUS	Balance of payment customer transaction report message A code to identify the balance of payment customer transaction report message.
BOPDIR	Direct balance of payment declaration message A code to identify the direct balance of payment declaration message.
BOPINF	Balance of payment information from customer message A code to identify the balance of payment information from customer message.
BUSCRD	Business credit report message A code to identify the business credit report message.
CALINF	Vessel call information message A code to identify the vessel call information message.
CASINT	Request for legal administration action in civil proceedings message A code to identify the request for legal administration action in civil proceedings message.
CASRES	Legal administration response in civil proceedings message A code to identify the legal administration response in civil proceedings message.
CHACCO	Chart of accounts message A code to identify the chart of accounts message.
CLASET	Classification information set message A code to identify the classification information set message.
CNTCND	Contractual conditions message A code to identify the contractual conditions message.
COACSU	Commercial account summary message A code to identify the commercial account summary message.
COARRI	Container discharge/loading report message A code to identify the container discharge/loading report message.
CODECO	Container gate-in/gate-out report message A code to identify the container gate-in/gate-out report message.
CODENO	Permit expiration/clearance ready notice message A code to identify the permit expiration/clearance ready notice message.

COEDOR	Container stock report message A code to identify the container stock report message.
COHAOR	Container special handling order message A code to identify the container special handling order message.
COLREQ	Request for a documentary collection message A code to identify the request for a documentary collection message.
COMDIS	Commercial dispute message A code to identify the commercial dispute message.
CONAPW	Advice on pending works message A code to identify the advice on pending works message.
CONDPV	Direct payment valuation message A code to identify the direct payment valuation message.
CONDRA	Drawing administration message A code to identify the drawing administration message.
CONDRO	Drawing organization message A code to identify the drawing organization message.
CONEST	Establishment of contract message A code to identify the establishment of contract message.
CONITT	Invitation to tender message A code to identify the invitation to tender message.
CONPVA	Payment valuation message A code to identify the payment valuation message.
CONQVA	Quantity valuation message A code to identify the quantity valuation message.
CONRPW	Response of pending works message A code to identify the response of pending works message.
CONTEN	Tender message A code to identify the tender message.
CONTRL	Syntax and service report message A code to identify the syntax and service report message.
CONWQD	Work item quantity determination message A code to identify the work item quantity determination message.
COPARN	Container announcement message A code to identify the container announcement message.
COPAYM	Contributions for payment A code to identify the contributions for payment.
COPINO	Container pre-notification message A code to identify the container pre-notification message.
COPRAR	Container discharge/loading order message A code to identify the container discharge/loading order message.
COREOR	Container release order message A code to identify the container release order message.

COSTCO	Container stuffing/stripping confirmation message A code to identify the container stuffing/stripping confirmation message.
COSTOR	Container stuffing/stripping order message A code to identify the container stuffing/stripping order message.
CREADV	Credit advice message A code to identify the credit advice message.
CREEXT	Extended credit advice message A code to identify the extended credit advice message.
CREMUL	Multiple credit advice message A code to identify the multiple credit advice message.
CUSCAR	Customs cargo report message A code to identify the customs cargo report message.
CUSDEC	Customs declaration message A code to identify the customs declaration message.
CUSEXP	Customs express consignment declaration message A code to identify the customs express consignment declaration message.
CUSPED	Periodic customs declaration message A code to identify the periodic customs declaration message.
CUSREP	Customs conveyance report message A code to identify the customs conveyance report message.
CUSRES	Customs response message A code to identify the customs response message.
DEBADV	Debit advice message A code to identify the debit advice message.
DEBMUL	Multiple debit advice message A code to identify the multiple debit advice message.
DEBREC	Debts recovery message A code to identify the debts recovery message.
DELFOR	Delivery schedule message A code to identify the delivery schedule message.
DELJIT	Delivery just in time message A code to identify the delivery just in time message.
DESADV	Despatch advice message A code to identify the despatch advice message.
DESTIM	Equipment damage and repair estimate message A code to identify the equipment damage and repair estimate message.
DGRECA	Dangerous goods recapitulation message A code to identify the dangerous goods recapitulation message.
DIRDEB	Direct debit message A code to identify the direct debit message.
DIRDEF	Directory definition message A code to identify the directory definition message.

DMRDEF	Data maintenance request definition message A code to identify the data maintenance request definition message.
DMSTAT	Data maintenance status report/query message A code to identify the data maintenance status report/query message.
DOCADV	Documentary credit advice message A code to identify the documentary credit advice message.
DOCAMA	Advice of an amendment of a documentary credit message A code to identify the advice of an amendment of a documentary credit message.
DOCAMI	Documentary credit amendment information message A code to identify the documentary credit amendment information message.
DOCAMR	Request for an amendment of a documentary credit message A code to identify the request for an amendment of a documentary credit message.
DOCAPP	Documentary credit application message A code to identify the documentary credit application message.
DOCARE	Response to an amendment of a documentary credit message A code to identify the response to an amendment of a documentary credit message.
DOCINF	Documentary credit issuance information message A code to identify the documentary credit issuance information message.
ENTREC	Accounting entries message A code to identify the accounting entries message.
FINCAN	Financial cancellation message A code to identify the financial cancellation message.
FINPAY	Multiple interbank funds transfer message A code to identify the multiple interbank funds transfer message.
FINSTA	Financial statement of an account message A code to identify the financial statement of an account message.
GENRAL	General purpose message A code to identify the general purpose message.
GESMES	Generic statistical message A code to identify the generic statistical message.
GOVCBR	Government cross border regulatory message A code to identify the government cross border regulatory message.
HANMOV	Cargo/goods handling and movement message A code to identify the cargo/goods handling and movement message.
ICASRP	Insurance claim assessment and reporting message A code to identify the insurance claim assessment and reporting message.
ICSOLI	Insurance claim solicitor's instruction message A code to identify the insurance claim solicitor's instruction message.
IFCSUM	Forwarding and consolidation summary message A code to identify the forwarding and consolidation summary message.
IFTCCA	Forwarding and transport shipment charge calculation message A code to identify the forwarding and transport shipment charge calculation message.

IFTDGN	Dangerous goods notification message A code to identify the dangerous goods notification message.
IFTFCC	International transport freight costs and other charges message A code to identify the international transport freight costs and other charges message.
IFTICL	Cargo insurance claims message A code to identify the cargo insurance claims message.
IFTMAN	Arrival notice message A code to identify the arrival notice message.
IFTMBC	Booking confirmation message A code to identify the booking confirmation message.
IFTMBF	Firm booking message A code to identify the firm booking message.
IFTMBP	Provisional booking message A code to identify the provisional booking message.
IFTMCA	Consignment advice message A code to identify the consignment advice message.
IFTMCS	Instruction contract status message A code to identify the instruction contract status message.
IFTMIN	Instruction message A code to identify the instruction message.
IFTRIN	Forwarding and transport rate information message A code to identify the forwarding and transport rate information message.
IFTSAI	Forwarding and transport schedule and availability information message A code to identify the forwarding and transport schedule and availability information message.
IFTSTA	International multimodal status report message A code to identify the international multimodal status report message.
IFTSTQ	International multimodal status request message A code to identify the international multimodal status request message.
IHCEBI	Interactive health insurance eligibility and benefits inquiry and response A code to identify the interactive health insurance and benefits inquiry and response.
IHCLME	Health care claim or encounter request and response - interactive message A code to identify the health care claim or encounter request and response - interactive message.
IMPDEF	EDI implementation guide definition message A code to identify the EDI implementation guide definition message.
INFCON	Infrastructure condition message A code to identify the infrastructure condition message.
INFENT	Enterprise accounting information message A code to identify the enterprise accounting information message.
INSDES	Instruction to despatch message A code to identify the instruction to despatch message.
INSPRE	Insurance premium message A code to identify the insurance premium message.

INSREQ	Inspection request message A code to identify the inspection request message.
INSRPT	Inspection report message A code to identify the inspection report message.
INVOIC	Invoice message A code to identify the invoice message.
INVRPT	Inventory report message A code to identify the inventory report message.
IPPOAD	Insurance policy administration message A code to identify the insurance policy administration message.
IPPOMO	Motor insurance policy message A code to identify the motor insurance policy message.
ISENDS	Intermediary system enablement or disablement message A code to identify the intermediary system enablement or disablement message.
ITRRPT	In transit report detail message A code to identify the in transit report detail message.
JAPRES	Job application result message A code to identify the job application result message.
JINFDE	Job information demand message A code to identify the job information demand message.
JOBAPP	Job application proposal message A code to identify the job application proposal message.
JOBCON	Job order confirmation message A code to identify the job order confirmation message.
JOBMOD	Job order modification message A code to identify the job order modification message.
JOBOFF	Job order message A code to identify the job order message.
JUPREQ	Justified payment request message A code to identify the justified payment request message.
KEYMAN	Security key and certificate management message A code to identify the security key and certificate management message.
LEDGER	Ledger message A code to identify the ledger message.
LREACT	Life reinsurance activity message A code to identify the life reinsurance activity message.
LRECLM	Life reinsurance claims message A code to identify the life reinsurance claims message.
MEDPID	Person identification message A code to identify the person identification message.
MEDPRE	Medical prescription message A code to identify the medical prescription message.

MEDREQ	Medical service request message A code to identify the medical service request message.
MEDRPT	Medical service report message A code to identify the medical service report message.
MEDRUC	Medical resource usage and cost message A code to identify the medical resource usage and cost message.
MEQPOS	Means of transport and equipment position message A code to identify the means of transport and equipment position message.
MOVINS	Stowage instruction message A code to identify the stowage instruction message.
MSCONS	Metered services consumption report message A code to identify the metered services consumption report message.
ORDCHG	Purchase order change request message A code to identify the purchase order change request message.
ORDERS	Purchase order message A code to identify the purchase order message.
ORDRSP	Purchase order response message A code to identify the purchase order response message.
OSTENQ	Order status enquiry message A code to identify the order status enquiry message.
OSTRPT	Order status report message A code to identify the order status report message.
PARTIN	Party information message A code to identify the party information message.
PASREQ	Travel, tourism and leisure product application status request - interactive message A code to identify the travel, tourism and leisure product application status request - interactive message.
PASRSP	Travel, tourism and leisure product application status response - interactive message A code to identify the travel, tourism and leisure product application status response - interactive message.
PAXLST	Passenger list message A code to identify the passenger list message.
PAYDUC	Payroll deductions advice message A code to identify the payroll deductions advice message.
PAYEXT	Extended payment order message A code to identify the extended payment order message.
PAYMUL	Multiple payment order message A code to identify the multiple payment order message.
PAYORD	Payment order message A code to identify the payment order message.
PRICAT	Price/sales catalogue message A code to identify the price/sales catalogue message.

PRIHIS	Pricing history message A code to identify the pricing history message.
PROCST	Project cost reporting message A code to identify the project cost reporting message.
PRODAT	Product data message A code to identify the product data message.
PRODEX	Product exchange reconciliation message A code to identify the product exchange reconciliation message.
PROINQ	Product inquiry message A code to identify the product inquiry message.
PROSRV	Product service message A code to identify the product service message.
PROTAP	Project tasks planning message A code to identify the project tasks planning message.
PRPAID	Insurance premium payment message A code to identify the insurance premium payment message.
QALITY	Quality data message A code to identify the quality data message.
QUOTES	Quote message A code to identify the quote message.
RDRMES	Raw data reporting message A code to identify the raw data reporting message.
REBORD	Reinsurance bordereau message A code to identify the reinsurance bordereau message.
RECADV	Receiving advice message A code to identify the receiving advice message.
RECALC	Reinsurance calculation message A code to identify the reinsurance calculation message.
RECECO	Credit risk cover message A code to identify the credit risk cover message.
RECLAM	Reinsurance claims message A code to identify the reinsurance claims message.
RECORD	Reinsurance core data message A code to identify the reinsurance core data message.
REGENT	Registration of enterprise message A code to identify the registration of enterprise message.
RELIST	Reinsured objects list message A code to identify the reinsured objects list message.
REMADV	Remittance advice message A code to identify the remittance advice message.
REPREM	Reinsurance premium message A code to identify the reinsurance premium message.

REQDOC	Request for document message A code to identify the request for document message.
REQOTE	Request for quote message A code to identify the request for quote message.
RESETT	Reinsurance settlement message A code to identify the reinsurance settlement message.
RESMSG	Reservation message A code to identify the reservation message.
RESREQ	Reservation request - interactive message A code to identify the reservation request - interactive message.
RESRSP	Reservation response - interactive message A code to identify the reservation response - interactive message.
RETACC	Reinsurance technical account message A code to identify the reinsurance technical account message.
RETANN	Announcement for returns message A code to identify the announcement for returns message.
RETINS	Instruction for returns message A code to identify the instruction for returns message.
RPCALL	Repair call message A code to identify the repair call message.
SAFHAZ	Safety and hazard data message A code to identify the safety and hazard data message.
SANCRT	International movement of goods governmental regulatory message A code to identify the international movement of goods governmental regulatory message.
SKDREQ	Schedule request - interactive message A code to identify the schedule request - interactive message.
SKDUPD	Schedule update - interactive message A code to identify the schedule update - interactive message.
SLSFCT	Sales forecast message A code to identify the sales forecast message.
SLSRPT	Sales data report message A code to identify the sales data report message.
SOCADE	Social administration message A code to identify the social administration message.
SSIMOD	Modification of identity details message A code to identify the modification of identity details message.
SSRECH	Worker's insurance history message A code to identify the worker's insurance history message.
SSREGW	Notification of registration of a worker message A code to identify the notification of registration of a worker message.
STATAC	Statement of account message A code to identify the statement of account message.

STLRPT	Settlement transaction reporting message A code to identify the settlement transaction reporting message.
SUPCOT	Superannuation contributions advice message A code to identify the superannuation contributions advice message.
SUPMAN	Superannuation maintenance message A code to identify the superannuation maintenance message.
SUPRES	Supplier response message A code to identify the supplier response message.
TANSTA	Tank status report message A code to identify the tank status report message.
TAXCON	Tax control message A code to identify the tax control message.
TIQREQ	Travel, tourism and leisure information inquiry request - interactive message A code to identify the travel, tourism and leisure information inquiry request - interactive message.
TIQRSP	Travel, tourism and leisure information inquiry response - interactive message A code to identify the travel, tourism and leisure information inquiry response - interactive message.
TPFREP	Terminal performance message A code to identify the terminal performance message.
TSDUPD	Timetable static data update - interactive message A code to identify the timetable static data update - interactive message.
TUPREQ	Travel, tourism and leisure data update request - interactive message A code to identify the travel, tourism and leisure data update request - interactive message.
TUPRSP	Travel, tourism and leisure data update response - interactive message A code to identify the travel, tourism and leisure data update response - interactive message.
UTILMD	Utilities master data message A code to identify the utilities master data message.
UTILTS	Utilities time series message A code to identify the utilities time series message.
VATDEC	Value added tax message A code to identify the value added tax message.
VESDEP	Vessel departure message A code to identify the vessel departure message.
WASDIS	Waste disposal information message A code to identify the waste disposal information message.
WKGRDC	Work grant decision message A code to identify the work grant decision message.
WKGRRE	Work grant request message A code to identify the work grant request message.

0073 First and last transfer
Desc: Indication used for the first and last message in a sequence of messages related to the same topic.

Repr: a1	
C	Creation First transmission of a number of transfers of the same message.
F	Final Last transmission of a number of transfers of the same message.

0081 Section identification	
Desc: Identification of the separation of sections of a message.	
Repr: a1	
D	Header/detail section separation To qualify the segment UNS, when separating the header from the detail section of a message.
S	Detail/summary section separation To qualify the segment UNS, when separating the detail from the summary section of a message.

0083 Action, coded	
Desc: A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange, or indication of interchange receipt.	
Repr: an..3	
4	This level and all lower levels rejected The corresponding referenced-level and all its lower referenced-levels are rejected. One or more errors are reported at this reporting-level or a lower reporting-level.
7	This level acknowledged and all lower levels acknowledged if not explicitly rejected The corresponding referenced-level is acknowledged. All messages, packages, or groups at the lower referenced-levels are acknowledged except those explicitly reported as rejected at their reporting-level in this CONTRL message.
8	Interchange received Indication of interchange receipt.

0085 Syntax error, coded	
Desc: A code indicating the error detected.	
Repr: an..3	
2	Syntax version or level not supported Notification that the syntax version and/or level is not supported by the recipient.
7	Interchange recipient not actual recipient Notification that the Interchange recipient (S003) is different from the actual recipient.
12	Invalid value Notification that the value of a stand-alone data element, composite data element or component data element does not conform to the relevant specifications for the value.
13	Missing Notification that a mandatory (or otherwise required) service or user segment, data element, composite data element or component data element is missing.
14	Value not supported in this position Notification that the recipient does not support use of the specific value of an identified stand-alone data element, composite data element or component data element in the position where it is used. The value may be valid according to the relevant specifications and may be supported if it is used in another position.

15	Not supported in this position Notification that the recipient does not support use of the segment type, stand-alone data element type, composite data element type or component data element type in the identified position.
16	Too many constituents Notification that the identified segment contained to many data elements or that the identified composite data element contained too many component data elements.
17	No agreement No agreement exists that allows receipt of an interchange, group, message, or package with the value of the identified stand-alone data element, composite data element or component data element.
18	Unspecified error Notification that an error has been identified, but the nature of the error is not reported.
20	Character invalid as service character Notification that a character advised in UNA is invalid as service character.
21	Invalid character(s) Notification that one or more character(s) used in the interchange is not a valid character as defined by the syntax identifier indicated in UNB. The invalid character is part of the referenced-level, or followed immediately after the identified part of the interchange.
22	Invalid service character(s) Notification that the service character(s) used in the interchange is not a valid service character as advised in UNA or not one of the default service characters. If the code is used in UCS or UCD, the invalid character followed immediately after the identified part of the interchange.
23	Unknown Interchange sender Notification that the Interchange sender (S002) is unknown.
24	Too old Notification that the received interchange or group is older than a limit specified in an IA or determined by the recipient.
25	Test indicator not supported Notification that test processing cannot be performed for the identified interchange, group, message, or package.
26	Duplicate detected Notification that a possible duplication of a previously received interchange, group, message, or package has been detected. The earlier transmission may have been rejected.
28	References do not match Notification that the control reference in UNB, UNG, UNH, UNO, USH or USD does not match the one in UNZ, UNE, UNT, UNP, UST or USU, respectively.
29	Control count does not match number of instances received Notification that the number of groups, messages, or segments does not match the number given in UNZ, UNE, UNT or UST, or that the length of an object or of encrypted data are not equal to the length stated in the UNO, UNP, USD, or USU.
30	Groups and messages/packages mixed Notification that groups have been mixed with messages/packages outside of groups in the interchange.
32	Lower level empty Notification that the interchange does not contain any messages, packages, or groups, or a group does not contain any messages or packages.
33	Invalid occurrence outside message, package, or group Notification of an invalid segment or data element in the interchange, between messages or between packages or between groups. Rejection is reported at the level above.

35	Too many data element or segment repetitions Notification that a stand-alone data element, composite data element or segment is repeated too many times.
36	Too many segment group repetitions Notification that a segment group is repeated too many times.
37	Invalid type of character(s) Notification that one or more numeric characters are used in an alphabetic (component) data element or that one or more alphabetic characters are used in a numeric (component) data element.
39	Data element too long Notification that the length of the data element received exceeded the maximum length specified in the data element description.
40	Data element too short Notification that the length of the data element received is shorter than the minimum length specified in the data element description.
45	Trailing separator Notification of one of the following: - the last character before the segment terminator is a data element separator or a component data element separator or a repeating data element separator, or - the last character before a data element separator is a component data element separator or a repeating data element separator.
46	Character set not supported Notification that one or more characters used are not in the character set defined by the syntax identifier, or the character set identified by the escape sequence for the code extension technique is not supported by the recipient.
47	Envelope functionality not supported Notification that the envelope structure encountered is not supported by the recipient.
48	Dependency condition violated Notification that an error condition has occurred as the result of a dependency condition violation.

0113 Message type sub-function identification	
Desc: Code identifying a sub-function of a message type.	
Repr: an..6	
Note 1: The code qualifies the message type data element (0065) to allow the recipient to identify a specific sub-function of a message.	
AA	Interactive, perform sell This sub-function is to notify the receiver that the purpose of the message is an instruction to perform a sell.
AB	Interactive, modify current dialogue data This sub-function is to notify the receiver that the message data are a modification to data previously sent in the current interactive dialogue.
AC	Interactive, modify previous dialogue data This sub-function is to notify the receiver that the message data are a modification to data sent in a previous interactive dialogue.
AD	Interactive, cancel reserved product This sub-function is to notify the receiver that the purpose of the message is to cancel a product previously reserved in an interactive dialogue.

AE	Interactive, ignore reserved product This sub-function is to notify the receiver that the purpose of the message is to ignore a product previously reserved in an interactive dialogue.
AF	Interactive, conclude current reservation This sub-function is to notify the receiver that the purpose of the message is to conclude the current reservation transaction.
AG	Interactive, display reserved product This sub-function is to notify the receiver that the purpose of the message is to display a product previously reserved in an interactive dialogue.
AH	Interactive, perform reference sell This sub-function is to notify the receiver that the purpose of the message is an instruction to perform a sell, based on data returned in a previous interactive response.
AI	Interactive, modify previous dialogue reservation This sub-function is to notify the receiver that the purpose of the message is to modify a reservation, made during a previous interactive dialogue.
AJ	Interactive, display voucher template This sub-function is to notify the receiver that the purpose of the message is to display the template for a voucher.
AK	Interactive, print voucher This sub-function is to notify the receiver that the purpose of the message is to print a voucher.
AL	Interactive, cancel current dialogue reservation This sub-function is to notify the receiver that the purpose of the message is to cancel a reservation made during the current interactive dialogue.
AM	Interactive, cancel previous dialogue reservation This sub-function is to notify the receiver that the purpose of the message is to cancel a reservation made during a previous interactive dialogue.
AN	Interactive, duplicate sell message This sub-function is to notify the receiver that the message is a duplicate of a previously sent interactive sell message.
AO	Interactive, duplicate modify current dialogue data This sub-function is to notify the receiver that the message is a duplicate of a previously sent message to modify data in the current interactive dialogue.
AP	Interactive, duplicate modify previous dialogue reservation This sub-function is to notify the receiver that the message is a duplicate of a previously sent message to modify a reservation made during a previous interactive dialogue.
AQ	Interactive, availability request, multiple suppliers This sub-function is to notify the receiver that the message is an interactive request for availability which is simultaneously being sent to multiple suppliers.
AR	Interactive, availability request, one specific supplier This sub-function is to notify the receiver that the message is an interactive request for availability from only one specific supplier.
AS	Interactive, product rules request This sub-function is to notify the receiver that the message is an interactive request for product rules.

SECACK	Security acknowledgement This sub-function of the AUTACK message is for the secure acknowledgement of receipt, including the reporting of any associated security violation(s).
SECAUT	Security authentication and/or non-repudiation of origin This sub-function of the AUTACK message is for secure integrity, authentication and/or non-repudiation of origin.

0133 Character encoding, coded	
Desc: Coded identification of the character encoding used in the interchange.	
Repr: an..3	
Note 1: To be used as specified in the partners' interchange agreement, for the purpose of identifying the character repertoire encoding technique used in the interchange (when the default encoding defined by the character repertoire's associated character set specification is not used).	
1	ASCII 7 bit ASCII 7 bit code.
2	ASCII 8 bit ASCII 8 bit code.
3	Code page 500 (EBCDIC Multinational No. 5) Encoding schema for the repertoire as defined by the code page.
4	Code page 850 (IBM PC Multinational) Encoding schema for the repertoire as defined by the code page.
5	UCS-2 Universal Multiple-Octet Coded Character Set (UCS) two-octet per character encoding schema as defined in ISO/IEC 10646.
6	UCS-4 Universal Multiple-Octet Coded Character Set (UCS) four-octet per character encoding schema as defined in ISO/IEC 10646.
7	UTF-8 UCS Transformation Format 8 (UTF-8) multi-octet (of length one to six octets) per character encoding schema as defined in ISO/IEC 10646, Annex R.
8	UTF-16 UCS Transformation Format 16 (UTF-16) two-octet per character encoding schema as defined in ISO/IEC 10646, Annex Q.
ZZZ	Mutually agreed Mutually agreed between trading partners.

0135 Service segment tag, coded	
Desc: Code identifying a service segment.	
Repr: an..3	
UCD	Data element error indication To identify an erroneous stand-alone, composite or component data element, and to identify the nature of the error.

UCF	Group response To identify a group in the subject interchange and to indicate acknowledgement or rejection (action taken) of the UNG and UNE segments, and to identify any error related to these segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the group level. Depending on the action code, it may also indicate the action taken on the messages and packages within that group.
UCI	Interchange response To identify the subject interchange, to indicate interchange receipt, to indicate acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments, and to identify any error related to these segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the interchange level. Depending on the action code, it may also indicate the action taken on the groups, messages, and packages within that interchange.
UCM	Message/package response To identify a message or package in the subject interchange, and to indicate that message's or package's acknowledgement or rejection (action taken), and to identify any error related to the UNH, UNT, UNO, and UNP segments. It can also identify errors related to the USA, USC, USD, USH, USR, UST, or USU security segments when they appear at the message or package level.
UCS	Segment error indication To identify either a segment containing an error or a missing segment, and to identify any error related to the complete segment.
UGH	Anti-collision segment group header To head, identify and specify an anti-collision segment group.
UGT	Anti-collision segment group trailer To end and check the completeness of an anti-collision segment group.
UIB	Interactive interchange header To head and identify an interchange.
UIH	Interactive message header To head, identify and specify a message.
UIR	Interactive status To report the status of the dialogue.
UIT	Interactive message trailer To end and check the completeness of a message.
UIZ	Interactive interchange trailer To end and check the completeness of an interchange.
UNB	Interchange header To identify an interchange.
UNE	Group trailer To end and check the completeness of a group.
UNG	Group header To head, identify and specify a group of messages and/or packages, which may be used for internal routing and which may contain one or more message types and/or packages.
UNH	Message header To head, identify and specify a message.
UNO	Object header To head, identify and specify an object.
UNP	Object trailer To end and check the completeness of an object.

UNS	Section control To separate header, detail and summary sections of a message.
UNT	Message trailer To end and check the completeness of a message.
UNZ	Interchange trailer To end and check the completeness of an interchange.
USA	Security algorithm To identify a security algorithm, the technical usage made of it, and to contain the technical parameters required.
USB	Secured data identification To contain details related to the AUTACK.
USC	Certificate To convey the public key and the credentials of its owner.
USD	Data encryption header To specify size (i.e. length of data in octets of bits) of encrypted data following the segment terminator of this segment.
USE	Security message relation To specify the relation to earlier security messages, such as response to a particular request, or request for a particular answer.
USF	Key management function To specify the type of key management function and the status of a corresponding key or certificate.
USH	Security header To specify a security mechanism applied to a EDIFACT structure (i.e.: either message/package, group or interchange).
USL	Security list status To specify the status of security objects, such as keys or certificates to be delivered in a list, and the corresponding list parameters.
USR	Security result To contain the result of the security mechanisms.
UST	Security trailer To establish a link between security header and security trailer segment groups.
USU	Data encryption trailer To provide a trailer for the encrypted data.
USX	Security references To refer to the secured EDIFACT structure and its associated date and time.
USY	Security on references To identify the applicable header, and to contain the security result and/or to indicate the possible cause of security rejection for the referred value.

0323 Transfer position, coded	
Desc: Indication of the position of a transfer.	
Repr: a1	
F	First message First message in sequence. Can only appear once at the start of the sequence.

I	Intermediate message Intermediate message in sequence. May appear zero or more times within the sequence.
L	Last message Last message in sequence. Can appear only once at the end of the sequence.

0325 Duplicate Indicator	
Desc: Indication that the structure is a duplicate of a previously sent structure.	
Repr: a1	
D	Duplicate A duplicate transfer.

0331 Report function, coded	
Desc: Coded value identifying type of status or error report.	
Repr: an..3	
1	Information Non Error information, e.g. acknowledgement that party is still operational.
2	Warning Warning, e.g. resources getting low.
3	Non-fatal error Non-fatal error detected by party sending the UIR. Dialogue integrity may be compromised.
4	Abort dialogue Established dialogue cannot continue.
5	Query status Request for a status report from other party. Should be answered with a “Status report” (see code value “6” below).
6	Status report Reporting status of dialogue as perceived by sending party.
7	Pause dialogue Advise other party to stop transferring data within this dialogue until a “Continue dialogue” is received.
8	Continue dialogue Advise that data flow may continue after being “Paused” (see code value “7” above).
9	Start dialogue reject Dialogue cannot be initiated.

0333 Status, coded	
Desc: Code identifying the reason for the status or error report.	
Repr: an..3	
1	OK response No further information.
2	Syntax error Error detected in syntax.

3	Invalid header Invalid header segment received.
4	Invalid trailer segment Invalid trailer segment received.
5	Unsupported syntax Syntax version/release not supported.
6	Unsupported scenario type Scenario type not supported.
7	Unsupported scenario version Scenario version/release not supported.
8	Unsupported dialogue type Dialogue type not supported for this scenario.
9	Unsupported dialogue version Dialogue type version/release not supported.
10	Unauthorised sender Sender not authorized.
11	Sender rejected Sender rejected for administrative reasons.
12	Multiple transactions unsupported Multiple parallel transactions not supported.
13	Multiple dialogues unsupported Multiple parallel dialogues not supported.
14	Resources unavailable Resources unavailable for requested function.
15	Unknown transaction Referenced transaction does not exist.
16	Unknown dialogue Referenced dialogue does not exist.
17	Invalid function Function invalid for current dialogue state.
18	Service unavailable Requested service is unavailable.
19	Application unavailable Requested application not available.
20	Time-out Response not received within expected time.
21	Unable to process interactively To notify the initiator that a specific request cannot be processed interactively.
22	Correctable application error To notify the initiator that an application error, that is correctable by the initiator, was made in the request message.
23	Nothing to return To notify the initiator that there is no information to return in response to an inquiry.

24	Data not accessible To notify the initiator that the requested information cannot be returned.
25	Non-correctable application error To notify the initiator that some type of system or processing error was encountered, not related to the data received.

0501 Security service, coded	
Desc: Specification of the security service applied.	
Repr: an..3	
1	Non-repudiation of origin The message includes a digital signature protecting the receiver of the message from the sender's denial of having sent the message.
2	Message origin authentication The actual sender of the message cannot claim to be some other (authorized) entity.
3	Integrity The message content is protected against the modification of data.
4	Confidentiality The message content is protected against the unauthorised reading, copying or disclosure of its content.
5	Non-repudiation of receipt Non-repudiation of receipt protects the sender of an object message from the receiver's denial of having received the message.
6	Receipt authentication Receipt authentication ensures the sender that the message has been received by the authenticated recipient.
7	Referenced EDIFACT structure non-repudiation of origin The referenced EDIFACT structure is secured by a digital signature protecting the receiver of the message from the sender's denial of having sent the message.
8	Referenced EDIFACT structure origin authentication The actual sender of the referenced EDIFACT structure cannot claim to be some other (authorized) party.
9	Referenced EDIFACT structure integrity The referenced EDIFACT structure content is protected against the modification of data.
10	Time stamping request Ask for the EDIFACT structure to be time stamped.
11	Entity authentication The initiator and/or responder cannot claim to be another party.
12	Entity authentication with key establishment The initiator and/or responder cannot claim to be another party, and security keys are established.

0503 Response type, coded
Desc: Specification of the type of response expected from the recipient.
Repr: an..3

1	No acknowledgement required No AUTACK acknowledgement message expected.
2	Acknowledgement required AUTACK acknowledgement message expected.

0505 Filter function, coded	
Desc: Identification of the filtering function used to reversibly map any bit pattern on to a restricted character set.	
Repr: an..3	
1	No filter No filter function is used.
2	Hexadecimal filter Hexadecimal filter.
3	ISO/IEC 646 filter ASCII filter as described in ISO 10126-1.
4	ISO/IEC 646 Baudot filter Baudot filter as described in ISO 10126-1.
5	UN/EDIFACT EDA filter Filter function for UN/EDIFACT character set repertoire A as described in ISO 9735-5.
6	UN/EDIFACT EDC filter Filter function for UN/EDIFACT character set repertoire A as described in ISO 9735-5.
7	Base 64 filter Base 64 filter function as described in RFC 1521.
ZZZ	Mutually agreed Mutually agreed between trading partners.

0507 Original character set encoding, coded	
Desc: Identification of the character set in which the secured EDIFACT structure was encoded when security mechanisms were applied.	
Repr: an..3	
1	ASCII 7 bit ASCII 7 bit code.
2	ASCII 8 bit ASCII 8 bit code.
3	Code page 850 (IBM PC Multinational) Encoding schema for the repertoire as defined by the code page.
4	Code page 500 (EBCDIC Multinational No. 5) Encoding schema for the repertoire as defined by the code page.
5	UCS-2 Universal Multiple-Octet Coded Character Set (UCS) two-octet per character encoding schema as defined in ISO/IEC 10646.
6	UCS-4 Universal Multiple-Octet Coded Character Set (UCS) four-octet per character encoding schema as defined in ISO/IEC 10646.

7	UTF-8 UCS Transformation Format 8 (UTF-8) multi-octet (of length one to six octets) per character encoding schema as defined in ISO/IEC 10646, Annex R.
8	UTF-16 UCS Transformation Format 16 (UTF-16) two-octet per character encoding schema as defined in ISO/IEC 10646, Annex Q.
ZZZ	Mutually agreed Mutually agreed between trading partners.

0509 Role of security provider, coded	
Desc: Identification of the role of the security provider in relation to the secured item.	
Repr: an..3	
1	Issuer The security provider is the rightful issuer of the signed document.
2	Notary The security provider acts as a notary in relation to the signed document.
3	Contracting party The security provider endorses the content of the signed document.
4	Witness The security provider is a witness, but is not responsible for the content of the signed document.
ZZZ	Mutually agreed Mutually agreed between trading partners.

0513 Security party code list qualifier	
Desc: Identification of the type of identification used to register the security parties.	
Repr: an..3	
1	ACH Automated clearing house identification.
2	GS1 GS1, an international organization of GS1 member organizations that manages the GS1 System.
ZZZ	Mutually agreed Mutually agreed between trading partners.

0515 Security party code list responsible agency, coded	
Desc: Identification of the agency in charge of registration of the security parties.	
Repr: an..3	
1	UN/CEFACT United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).
2	ISO International Organization for Standardization.

0517 Date and time qualifier
Desc: Specification of the type of date and time.
Repr: an..3

1	Security Timestamp Security timestamp of the secured message.
2	Certificate generation date and time Identifies the date and time of generation of the certificate by the Certification Authority.
3	Certificate start of validity period Identifies the date and time from which the certificate must be considered valid.
4	Certificate end of validity period Identifies the date and time until which the certificate must be considered valid.
5	EDIFACT structure generation date and time Date and time of generation of the secured EDIFACT structure.
6	Certificate revocation date and time Identifies the date and time of revocation of the certificate by the Certification Authority.
7	Key generation date and time Identifies the date and time of generation of the key(s).

0523 Use of algorithm, coded	
Desc: Specification of the usage made of the algorithm.	
Repr: an..3	
1	Owner hashing Specifies that the algorithm is used by the message sender to compute the hash function on the message (as in the case of Integrity or Non-repudiation of Origin identified in the security function qualifier of USH).
2	Owner symmetric Specifies that the algorithm is used by the message sender either for integrity, confidentiality, or message origin authentication (specified by security service, coded in USH).
3	Issuer signing Specifies that the algorithm is used by the Certificate Issuer (CA) to sign the hash result computed on the certificate.
4	Issuer hashing Specifies that the algorithm is used by the Certificate Issuer (CA) to compute the hash result on the certificate.
5	Owner enciphering Specifies that the algorithm is used by the message sender to encrypt a symmetric key.
6	Owner signing Specifies that the algorithm is used by the message sender to sign either the hash result computed on the message or the symmetric keys.
7	Owner enciphering or signing Specifies that the algorithm may be used by the message sender either to encrypt a symmetric key or sign the hash result computed on the message. This value may only be used in a USA segment within a USC segment group. When encrypting a symmetric key a receiver certificate shall be used. When signing a hash result a sender certificate shall be used.
8	Owner compressing Specifies that the algorithm is used by the message sender to compress the data before (encryption and) submission.

9	Owner compression integrity Specifies that the algorithm is used by the message sender on the compressed data before (encryption and) submission. The integrity value is used to verify the contents of the compressed text before expansion.
10	Key agreement Specifies that the algorithm is used by the initiator and responder to agree a secret key.

0525 Cryptographic mode of operation, coded	
Desc: Specification of the mode of operation used for the algorithm.	
Repr: an..3	
1	ECB DES modes of operation, Electronic Code Book; FIPS Pub 81 (1981); ANSI X3.106; ISO 8372 (64 bits); ISO/IEC 10116 (n-bits).
2	CBC DES modes of operation, Cipher Block Chaining; FIPS Pub 81 (1981); ANSI X3.106; ISO 8372 (64 bits); ISO/IEC 10116 (n-bits).
3	CFB1 DES modes of operation, Cipher feedback; FIPS Pub 81 (1981); ANSI X3.106; ISO 8372 (64 bits); ISO/IEC 10116 (n-bits).
4	CFB8 DES modes of operation, Cipher feedback; FIPS Pub 81 (1981); ANSI X3.106; ISO 8372 (64 bits); ISO/IEC 10116 (n-bits).
5	OFB DES modes of operation; FIPS Pub 81 (1981); ISO 8372 (64 bits); ISO/IEC 10116 (n-bits).
16	DSMR Digital Signature scheme giving Message Recovery. ISO/IEC 9796.
17	CFB64 DES mode of operation, cipher feedback; ISO/IEC 10116 (n-bits).
23	TCBC TDEA mode of operation, Cipher Block Chaining, ANSI X9.52.
24	TCBC-I TDEA mode of operation, Cipher Block Chaining - Interleaved, ANSI X9.52.
25	TCFB1 TDEA mode of operation, Cipher Feedback - 1 bit feedback, ANSI X9.52.
26	TCFB8 TDEA mode of operation, Cipher Feedback - 8 bit feedback, ANSI X9.52.
27	TCFB64 TDEA mode of operation, Cipher Feedback - 64 bit feedback, ANSI X9.52.
28	TCFB1-P TDEA mode of operation, Cipher Feedback Pipelined - 1 bit feedback, ANSI X9.52.
29	TCFB8-P TDEA mode of operation, Cipher Feedback Pipelined - 8 bit feedback, ANSI X9.52.
30	TCFB64-P TDEA mode of operation, Cipher Feedback Pipelined - 64 bit feedback, ANSI X9.52.

31	TOFB TDEA mode of operation, Output Feedback Mode, ANSI X9.52.
32	TOFB-P TDEA mode of operation, Output Feedback Mode Pipelined, ANSI X9.52.
33	TCBCM TDEA mode of operation, Cipher Block Chaining with output feedback Masking, ANSI X9.52.
34	TCBCM-I TDEA mode of operation, Cipher Block Chaining with output feedback Masking Interleaved, ANSI X9.52.
35	TECB TDEA mode of operation, Electronic Cookbook Mode, ANSI X9.52.
36	CTS RC5 mode of operation, Cipher Text Stealing, Published in RCF 2040.
ZZZ	Mutually agreed Mutually agreed between trading partners.

0527 Algorithm, coded	
Desc: Identification of the algorithm.	
Repr: an..3	
1	DES Data Encryption Standard. FIPS Pub 46 (January 1977).
2	MAA Message Authentication Algorithm. Banking-Approved Algorithms for message Authentication. ISO 8731-2.
3	FEAL FEAL Fast Data Encipherment Algorithm.
4	IDEA International Data Encryption Algorithm: Lai X., Massey J. “A Proposal for a New Block Encryption Standard”, Proceedings of Eurocrypt’90, LNCS vol 473, Springer-Verlag, Berlin 1991, and Lai X., Massey J. “Markov Ciphers and Differential Cryptanalysis”, Proceedings of Eurocrypt’91, LNCS vol 547, Springer-Verlag, Berlin 1991.
5	MD4 The MD4 Message digest algorithm. Rivest R. RSA Data Security Inc. (1990).
6	MD5 The MD5 Message digest algorithm. Rivest R. Dusse S. RSA Data Security Inc. (1991).
7	RIPEMD Extension of the MD4 - Ripe Report CS - R9324, April 93.
8	SHA Secure Hashing Algorithm.
9	AR/DFP Hash function of the German banking industry, submitted to ISO/IEC JTC 1/SC 27/WG 2, Doc N179.
10	RSA Rivest, Shamir, Adleman: A Method for obtaining Digital Signatures and Public Key Cryptosystems. Communications of the ACM, Vol.21(2), pp 120-126 (1978).

11	DSA Digital Signature Algorithm/Digital Signature Standard NIST Pub 1993 Draft.
12	RAB Rabin, “Digitalized signatures and public-key functions as intractable as factorization”, MIT Laboratory for Computer Science Technical Report LCS/TR-212, Cambridge, Mass, 1979.
13	TDEA Triple Data Encryption Algorithm; ANSI X9.52.
14	RIPEMD-160 Dedicated Hash-Function #1; ISO/IEC 10118-3.
15	RIPEMD-128 Dedicated Hash-Function #2; ISO/IEC 10118-3.
16	SHA-1 Secure Hash Algorithm, dedicated Hash-Function #3; ISO/IEC 10118-3.
17	ECC Elliptic Curve Algorithm, Draft IEEE P1363 standard.
18	ZLIB Data compression algorithm; Deflate/inflate algorithm published in RFC1950, RFC1951 and RFC1952.
20	INFOZIP Data compression algorithm.
21	OLZW Data compression algorithm; Optimized LZW; Published in “Dr. Dobb’s Journal” (Jun 1990).
22	ARITCODE Data compression algorithm; Arithmetic coding; Published in “Comm. Of the ACM” (Jun 1987).
23	SHUFF Data compression algorithm; Static Huffman; Published in “Proceedings of the I.R.E. ” (Sep. 1952).
24	DHUFF Data compression algorithm; Dynamic Huffman; Published in “ACM Transaction on Mathematical Software” (Jun 1989).
25	CRC-32 Cyclic Redundancy Check - 32-bit; Ethernet CRC.
26	CRC-CCITT Cyclic Redundancy Check - 16-bit.
27	ISO/IEC 12042 Data compression for information exchange - Binary arithmetic coding algorithm; ISO/IEC 12042.
28	RC4 Variable-Key Size Symmetric Stream Cipher, specified by RSA Security Inc.
29	RC5 Variable-Key Size Symmetric Block Cipher, published in RFC 2040.
30	HMAC-SHA1 Message Authentication using keyed SHA-1 (published in RFC 2104).
31	HMAC-MD5 Message Authentication using keyed MD5 (published in RFC 2104).

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35	LZ77 Lempel Ziv, 1977 data compression algorithm.
36	LZW Lempel Ziv Welch data compression algorithm.
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40	MDC2 Modification detection code, IBM System Journal, vol 13, #2, 1991.
41	HDS1 ISO/IEC 10118-1; hash functions using an n-bit block cipher algorithm providing a single length hash code.
42	HDS2 ISO/IEC 10118-1; hash functions using an n-bit block cipher algorithm providing a double length hash code.
43	SQM ISO/IEC 9594-8. Square-Mod-N hash function for RSA.
44	NVB 7.1 Dutch banking standard for hashing and signing using RSA.
45	PKCS#1-v2_MGF1 Mask Generation Function defined in PKCS#1, Version 2.
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47	MCCP Banking key management by means of asymmetric algorithms, algorithms using the RSA cryptosystem. Signature construction by means of a separate signature. ISO 11166-2.
48	SHA-256 Secure Hash Algorithm, dedicated Hash-Function #4; ISO/IEC 10118-3.
49	SHA-512 Secure Hash Algorithm, dedicated Hash-Function #5; ISO/IEC 10118-3.
50	SHA-384 Secure Hash Algorithm, dedicated Hash-Function #6; ISO/IEC 10118-3.
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52	SHA-224 Secure Hash Algorithm standard issued by NIST (National Institute of Standards and Technology) in FIPS PUB 180-2 (Change Notice 1, 2004).
ZZZ	Mutually agreed Mutually agreed between trading partners.

0529 Algorithm code list identifier	
Desc: Specification of the code list used to identify the algorithm.	
Repr: an..3	
1	UN/CEFACT United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).

0531 Algorithm parameter qualifier	
Desc: Specification of the type of parameter value.	
Repr: an..3	
1	Initialisation value, clear text Identifies the algorithm parameter value as an unencrypted initialisation value.
2	Initialisation value, encrypted under a symmetric key Identifies the algorithm parameter value as an initialisation value which is encrypted under the symmetric data key.
3	Initialisation value, encrypted under a public key Identifies the algorithm parameter value as an initialisation value encrypted under the public key of the receiving party.
4	Initialisation value, format mutually agreed Identifies the algorithm parameter value as an initialisation value in a format agreed between the two parties.
5	Symmetric key, encrypted under a symmetric key Identifies the algorithm parameter value as a symmetric key which is encrypted with a previously agreed algorithm under a previously exchanged symmetric key.
6	Symmetric key, encrypted under a public key Identifies the algorithm parameter value as a symmetric key encrypted under the public key of the receiving party.
7	Symmetric key, signed and encrypted Identifies the algorithm parameter value as a symmetric key signed under the sender's secret key, then encrypted under the receiver's public key.
8	Symmetric key encrypted under an asymmetric key common to the sender and the receiver Identifies the algorithm parameter value as a symmetric key encrypted under an asymmetric key common to the sender and the receiver (use of Diffie and Hellman scheme, for instance).
9	Symmetric key name Identifies the algorithm parameter value as the name of a symmetric key. This may be used in the case where a key relationship has already been established between the sender and receiver.
10	Key encrypting key name Identifies the parameter value as the name of a key encrypting key.
11	Symmetric key, format mutually agreed Identifies the algorithm parameter value as a symmetric key in a format agreed between the two parties.

12	Modulus Identifies the algorithm parameter value as the modulus of a public key which is to be used according to the function defined by the use of algorithm.
13	Exponent Identifies the algorithm parameter value as the exponent of a public key which is to be used according to the function defined by the use of algorithm.
14	Modulus length Identifies the algorithm parameter value as the length of the modulus (in bits) of the public key used in the algorithm. The length is independent of whatever filtering function may be in use.
15	Generic parameter 1 Identifies the algorithm parameter value as the first generic parameter.
16	Generic parameter 2 Identifies the algorithm parameter value as the second generic parameter.
17	Generic parameter 3 Identifies the algorithm parameter value as the third generic parameter.
18	Generic parameter 4 Identifies the algorithm parameter value as the fourth generic parameter.
19	Generic parameter 5 Identifies the algorithm parameter value as the fifth generic parameter.
20	Generic parameter 6 Identifies the algorithm parameter value as the sixth generic parameter.
21	Generic parameter 7 Identifies the algorithm parameter value as the seventh generic parameter.
22	Generic parameter 8 Identifies the algorithm parameter value as the eighth generic parameter.
23	Generic parameter 9 Identifies the algorithm parameter value as the ninth generic parameter.
24	Generic parameter 10 Identifies the algorithm parameter value as the tenth generic parameter.
25	DSA parameter P Identifies the algorithm parameter value as the parameter P of DSA algorithm.
26	DSA parameter Q Identifies the algorithm parameter value as the parameter Q of DSA algorithm.
27	DSA parameter G Identifies the algorithm parameter value as the parameter G of DSA algorithm.
28	DSA parameter Y Identifies the algorithm parameter value as the parameter Y of DSA algorithm.
29	Initial value for CRC calculation Identifies the algorithm parameter value as the initial value for the CRC calculation.
30	Initial directory tree Identifies the algorithm parameter value as the initial directory tree for the data compression algorithm specified.

31	Integrity value offset Identifies the algorithm parameter value as the offset within the compressed text where the integrity value is located.
33	Generator Identifies the algorithm parameter value as the generator for a secret key agreement mechanism.
34	Symmetric key activation date/time Identifies the activation date/time of a symmetric key. The date/time format shall be CCYYMMDDH-HMMSS.
35	PKCS#1-EME-OAEP HF Identifies the algorithm parameter value as the code of the hash function used by EME-OAEP padding mechanism as defined in PKCS#1, Version 2.
36	PKCS#1-EME-OAEP MGF Identifies the algorithm parameter value as the code of the mask generation function used by EME-OAEP padding mechanism as defined in PKCS#1, Version 2.
37	PKCS#1-EME-OAEP P Init Identifies the algorithm parameter value as the initial octets of the encoding parameter octet string (P) used by EME-OAEP padding mechanism as defined in PKCS#1, Version 2.
38	PKCS#1-EME-OAEP P Cont Identifies the algorithm parameter value as the additional octets of the encoding parameter octet string (P) following the initial octets, used by EME-OAEP padding mechanism as defined in PKCS#1, Version 2.
39	PKCS#1-EME-OAEP P Final Identifies the algorithm parameter value as the final octets of the encoding parameter octet string (P) following the initial or additional octets, used by EME-OAEP padding mechanism as defined in PKCS#1, Version 2.
40	PKCS#1-EME-OAEP HF/MGF Identifies the algorithm parameter value as the code of the hash function used by the mask generation function used by EME-OAEP padding mechanism as defined in PKCS#1, Version 2.
41	PKCS#1-EME-OAEP LENGTH Identifies the algorithm parameter value as the intended length of the result produced by EME-OAEP padding mechanism as defined in PKCS#1, Version 2.
ZZZ	Mutually agreed Mutually agreed between trading partners.

0533 Mode of operation code list identifier	
Desc: Specification of the code list used to identify the cryptographic mode of operation.	
Repr: an..3	
1	UN/CEFACT United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).

0541 Scope of security application, coded	
Desc: Specification of the scope of application of the security service defined in the security header.	
Repr: an..3	
Note 1: It defines the data that have to be taken into account by the related cryptographic process.	
1	Security header and message body The current security header segment group and the object body itself, only. In this case no other security header or security trailer segment group shall be encompassed within this scope.

2	From security header to security trailer From the current security header segment group, to the associated security trailer segment group. In this case the current security header segment group, the object body and all the other embedded security header and trailer segment groups shall be encompassed within this scope.
3	Whole related message, package, group or interchange From the first character of the message, group, or interchange to the last character of the message, group or interchange.
4	Interactive security information, security header and message body Related security information, related interactive security header and interactive message body.
5	Interactive security information plus security header to security trailer Related security information, security header, all other embedded interactive security headers, interactive message body and all other embedded interactive security trailers.
6	Entire batch message From and including, the first character (“U”) of the message header segment (UNH) through to and including, the last character (segment terminator) of the corresponding message trailer segment (UNT).
ZZZ	Mutually agreed The scope of security application is defined in an agreement between sender and receiver.

0543 Certificate original character set repertoire, coded	
Desc: Identification of the character set repertoire used to create the certificate it was signed.	
Repr: an..3	
1	UN/ECE level A As defined in the basic code table of ISO/IEC 646 with the exceptions of lower case letters, alternative graphic character allocations and national or application-oriented graphic character allocations.
2	UN/ECE level B As defined in the basic code table of ISO/IEC 646 with the exceptions of alternative graphic character allocations and national or application-oriented graphic character allocations.
3	UN/ECE level C As defined in ISO/IEC 8859-1 (Latin alphabet No. 1)
4	UN/ECE level D As defined in ISO/IEC 8859-2 (Latin alphabet No. 2)
5	UN/ECE level E As defined in ISO/IEC 8859-5 (Latin/Cyrillic alphabet)
6	UN/ECE level F As defined in ISO/IEC 8859-7 (Latin/Greek alphabet)
7	UN/ECE level G As defined in ISO/IEC 8859-3 (Latin alphabet No. 3)
8	UN/ECE level H As defined in ISO/IEC 8859-4 (Latin alphabet No. 4)
9	UN/ECE level I As defined in ISO/IEC 8859-6 (Latin/Arabic alphabet)
10	UN/ECE level J As defined in ISO/IEC 8859-8 (Latin/Hebrew alphabet)

11	UN/ECE level K As defined in ISO/IEC 8859-9 (Latin alphabet No. 5)
12	UN/ECE level X Code extension technique as defined by ISO/IEC 2022 utilizing the escape techniques in accordance with ISO/IEC 2375.
13	UN/ECE level Y ISO/IEC 10646 octet without code extension technique.
14	UN/ECE level W ISO/IEC 10646 octet with code extension technique to support UTF-8 (UCS Transformation Format, 8 bit) encoding.

0545 Certificate syntax and version, coded	
Desc: Coded identification of the syntax and version used to create the certificate.	
Repr: an..3	
1	EDIFACT version 4 ISO 9735 version 4.
2	EDIFACT version 3 ISO 9735 version 3.
3	X.509 ISO/IEC 9594-8, ITU X.509 key/certificate reference.
4	PGP PGP (Pretty Good Privacy) based format key/certificate reference.
5	EDI 5 v1.4 Version 1.4 of the EDI 5 certificate (French national standard).

0551 Service character for signature qualifier	
Desc: Identification of the type of service character used when the signature was computed.	
Repr: an..3	
1	Segment terminator Specifies that this is the separator at the end of segments.
2	Component data element separator Specifies that this is the separator between component data elements.
3	Data element separator Specifies that this is the separator between data elements.
4	Release character Specifies that this is the release character.
5	Repetition separator Specifies that this is the separator between repeating data elements.

0563 Validation value, qualifier
Desc: Identification of the type of validation value.
Repr: an..3

1	Unique validation value Specifies that this is the unique validation value. This code shall be used when the algorithm involved produces a single parameter result (one MAC with DES algorithm, or one digital signature with RSA algorithm, for instance).
2	DSA algorithm r parameter Specifies that this is the r parameter, resulting of the use of DSA algorithm.
3	DSA algorithm s parameter Specifies that this is the s parameter, resulting of the use of DSA algorithm.
4	Random number for party A A random number generated by party A in a key agreement or entity authentication protocol.
5	Random number for party B A random number generated by party B in a key agreement or entity authentication protocol.
6	Enciphered block under a symmetric algorithm The result of the encipherment of data under a symmetric algorithm in an entity authentication protocol.
7	Enciphered block under an asymmetric algorithm The result of the encipherment of data under an asymmetric algorithm in an entity authentication protocol.
8	Key agreement value The value calculated in a key agreement protocol.

0565 Message relation, coded	
Desc: Relationship with another message, past or future.	
Repr: an..3	
1	No relation The message is initial.
2	Response The message is a response message.
3	Response requested The message requests an answer.

0567 Security status, coded	
Desc: Identification of the security element (key or certificate, for instance) status.	
Repr: an..3	
1	Valid The security element is valid.
2	Revoked The security element has been revoked.
3	Unknown The status of the security element is unknown.
4	Discontinued The security element should not be used for ?????

5	Alert The security element has been put on alert, but is not revoked yet.
6	Expired The validity period of the security element is expired.

0569 Revocation reason, coded	
Desc: Identification of the reason why the certificate has been revoked.	
Repr: an..3	
1	Owner key compromised The owner key linked to this certificate has been compromised.
2	Issuer key compromised The issuer key used to generate this certificate has been compromised.
3	Owner changed affiliation The identification details of the certificate are no longer valid.
4	Certificate superseded This certificate has been renewed and is superseded by another certificate.
5	Certificate terminated This certificate has reached the end of its validity period and has not been renewed.
6	No information available This certificate is revoked but the reason is not explicit stated.
ZZZ	Mutually agreed Mutually agreed between trading partners.

0571 Security error, coded	
Desc: Identifies the security error causing the rejection of the EDIFACT structure.	
Repr: an..3	
Note 1: This element shall specify the security error encountered. These may be the reason for non-acknowledgement by a request for secure acknowledgement, or may be sent on the initiative of the receiver of an AUTACK or secured EDIFACT structure which contains error.	
1	Wrong authenticator The validation is wrong.
2	Wrong certificate The certificate is wrong.
3	Certification path The certification path is incomplete. Cannot verify.
4	Algorithm not supported The algorithm is not supported.
5	Hashing method not supported The hashing method is not supported.
6	Protocol error The stated protocol has not been followed.

7	Security expected but not present It was expected the user message would be secured (e.g. using integrated message security or the AUTACK message in authentication mode), but this was not present or received in the expected time period.
8	Security parameters do not match those expected The parameters specifying the applied security do not match those expected (e.g. from an interchange agreement).

0575 List parameter qualifier	
Desc: Specification of the type of list parameter.	
Repr: an..3	
ZZZ	Mutually defined Mutually defined between trading partners.

0577 Security party qualifier	
Desc: Identification of the role of the security party.	
Repr: an..3	
1	Message sender Identifies the party which generates the security parameters of the message (i.e. security originator).
2	Message receiver Identifies the party which verifies the security parameters of the message (i.e. security recipient).
3	Certificate owner Identifies the party which owns the certificate.
4	Authenticating party Party which certifies that the document (i.e. the certificate) is authentic.

0579 Key management function qualifier	
Desc: Specification of the type of key management function.	
Repr: an..3	
101	Registration submission Submission of information for registration.
102	Asymmetric key pair request Request a trusted party to generate an asymmetric key pair.
110	Certification request Request certification of credentials and public key.
111	Certificate renewal request Request to extend the validity period of the current valid key, whose certificate is about to expire.
112	Certificate replacement request Request to replace the current certificate by a new one with a different public key (and possibly other information).
121	Certificate (path) retrieval request Request the delivery of an existing (valid or revoked) certificate, with path details where appropriate.
123	Certificate list retrieval request Request full or partial list of certificate.

124	Certificate status request Request current status of a given certificate.
125	Certificate validation request Request the CA to validate an existing certificate.
126	Certificate delivery request Request the CA to deliver a (valid or revoked) certificate to a list of recipients known to the CA or specified elsewhere.
130	Revocation request Request revocation of a party's certificate.
131	Alert request Request to put a party's certificate on alert.
140	Revocation list request Request full or partial list of revoked certificates.
150	Symmetric key request Request the delivery of symmetric keys.
151	Symmetric key discontinuation request Request discontinuation of symmetric key.
152	Asymmetric key discontinuation request Request discontinuation of asymmetric key.
221	Certificate delivery Delivery of an existing (valid or revoked) certificate.
222	Certificate path delivery Delivery of a path.
224	Certificate status notice Notice of current status of a given certificate.
225	Certificate validation notice Notice of validation of an existing certificate.
231	Revocation confirmation Confirmation of revocation of a party's certificate.
251	Symmetric key delivery Delivery of symmetric keys.
252	Discontinuation acknowledgement Acknowledgement of the requested discontinuation.

0591 Padding mechanism, coded	
Desc: Padding mechanism or padding scheme applied.	
Repr: an..3	
1	Zero padding Message padding used for block cipher algorithms. Binary zeros are appended to the end of the message in order to make the message length an exact integer multiple of the block length. The block length is implicitly specified through the algorithm and mode of operation.
2	PKCS #1 padding Message padding used for block cipher algorithms according to PKCS #1 (published by RSA Inc., 1993).

3	ISO 10126 padding Message padding used for block cipher algorithms according to ISO 10126 specification.
4	TBSS padding Message padding used for block cipher algorithms according to TBSS (Swiss standard, published by Telekurs AG, 1996).
5	FF padding Message padding used for block cipher algorithms. Binary 255 are padded to fill a message up to a block length. The block length is implicit specified through the algorithm and mode of operation.
6	ISO/IEC 9796-1 padding Message padding for digital signature schemes according to ISO/IEC 9796-1
7	ISO/IEC 9796-2 padding Message padding for digital signature schemes according to ISO/IEC 9796-2
8	ISO/IEC 9796-3 padding Message padding for digital signature schemes according to ISO/IEC 9796-3
9	TBSS envelope padding Message padding for digital envelopes according to TBSS (Swiss standard, published by Telekurs AG, 1996)
10	PKCS #1 envelope padding Message padding for digital envelopes according to PKCS #1 (published by RSA Inc, 1993).
11	PKCS #1 signature padding Message padding for digital signature schemes according to PKCS #1 (published by RSA Inc, 1993).
12	BCS signature padding Message padding for digital signature schemes according to ZKA (German standard published by ZKA 1995).
13	OAEP Optimal Asymmetric Encryption Padding (published in IEEE P1363).
14	RSAES-OAEP Padding mechanism specified in PKCS#1, version2, for encryption with a RSA public key.
15	RSAES-PKCS#1-v1_5 Padding mechanism specified in PKCS#1, version2, for encryption with a RSA public key.
16	RSASA-PKCS-v1_5 Padding mechanism specified in PKCS#1, version2, for digital signatures.
17	Encryption Block Formatting Padding mechanism specified in PKCS#1, version 1.5.
18	PKCS#5 Padding mechanism specified in PKCS#5 for symmetric encryption.
19	ANSI X9.23 Padding mechanism specified in ANSI X9.23 for symmetric encryption.

0601 Padding mechanism code list identifier
Desc: Specification of the code list used to identify the padding mechanism or padding scheme.

Repr: an..3	
1	UN/CEFACT United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).

0805 Object type qualifier	
Desc: Qualifier referring to the type of object.	
Repr: an..3	
1	Computer environment type Specification of the type of computer environment for which the object is intended.
2	Computer environment version Specification of the version of the computer environment for which the object is intended.
3	Computer environment release Specification of the release of the computer environment for which the object is intended.
5	Computer environment name Specification of the name of the computer environment for which the object is intended.
6	Non-EDIFACT security level code Specification of the level such as interchange, group or message at which non-EDIFACT security is applied to the data constituting the object.
7	Non-EDIFACT security version Specification of the version of the non-EDIFACT security technique applied to the data constituting the object.
8	Non-EDIFACT security release Specification of the release of the non-EDIFACT security technique applied to the data constituting the object.
9	Non-EDIFACT security technique Specification of the non-EDIFACT security technique applied to the data constituting the object.
10	Non-EDIFACT security free text information Free form description of the non-EDIFACT security technique applied to the data constituting the object.
11	File identification by number Identification number assigned to the file constituting the object.
12	File identification by name Name assigned to the file constituting the object.
13	File format Specification of the format of the file constituting the object.
14	File version Specification of the version of the file constituting the object.
15	File release Specification of the release of the file constituting the object.
16	File status Specification of the status of the file constituting the object.
17	File size Specification of the size of the file constituting the object in bytes.

18	File description Free form description of the file constituting the object.
19	File block type Specification of the type of blocking used to partition the file constituting the object.
20	File block length Specification of the length of the blocks used to partition the file constituting the object.
21	File record length Specification of the length of the records contained in the file constituting the object expressed as the number of character positions.
22	Program identification by number Identification number assigned to the program constituting the object.
23	Program identification by name Name assigned to the program constituting the object.
24	Program type Specification of the type of program constituting the object.
25	Program version Specification of the version of the program constituting the object.
26	Program release Specification of the release of the program constituting the object.
27	Program status Specification of the status of the program constituting the object.
28	Program description Free form description of the program constituting the object.
29	Program size Specification of the size of the program constituting the object in bytes.
30	Interchange format Specification of the format of the interchange constituting the object.
31	Interchange version Specification of the version of the interchange constituting the object.
32	Interchange release Specification of the release of the interchange constituting the object.
33	Interchange status Specification of the status of the interchange constituting the object.
34	Interchange identification Identification number assigned to the interchange constituting the object.
35	Compression technique identification An identification assigned to the compression technique applied to the object.
36	Compression technique version Specification of the version of the compression technique applied to the object.
37	Compression technique release Specification of the release of the compression technique applied to the object.
38	Drawing identification by name Name assigned to the drawing constituting the object.

39	Drawing identification by number Identification number assigned to the drawing constituting the object.
40	Drawing type Specification of the type of drawing constituting the object.
41	Drawing format Specification of the format of the drawing constituting the object.
42	Drawing version Specification of the version of the drawing constituting the object.
43	Drawing release Specification of the release of the drawing constituting the object.
44	Drawing status Specification of the status of the drawing constituting the object.
45	Drawing size Specification of the size of the drawing constituting the object in bytes.
46	Drawing description Free form description of the drawing constituting the object.
48	Filter type Specification of the type of filtering technique applied to the object.
49	Filter version Specification of the version of the filtering technique applied to the object.
50	Filter code page Specification of the code page used for the filtering technique applied to the object.
51	Filter technique Specification of the filtering technique applied to the object.
52	Character set repertoire identification Identification of the character set repertoire used for the object.
53	Character set encoding technique Specification of the character set encoding technique used for the object.
54	Character set encoding technique code page Specification of the code page used for the character set encoding technique used for the object.
55	Certificate type Specification of the type of certificate constituting the object.
56	Certificate version Specification of the version of the certificate constituting the object.
57	Certificate release Specification of the release of the certificate constituting the object.
58	Certificate status Specification of the status of the certificate constituting the object.
60	Certificate identification by name Name assigned to the certificate constituting the object.
61	Certificate identification by number Identification number assigned to the certificate constituting the object.

62	Certificate format Specification of the format of the certificate constituting the object.
63	Certificate code page Specification of the code page used when generating the certificate constituting the object.

0813 Reference qualifier	
Desc: Code giving specific meaning to a reference identification number.	
Repr: an..3	
1	Object identification number Identification number assigned to an object.
2	Application message reference number Reference number assigned to a message by a computer application.

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3) Withdrawn.

4) Withdrawn.

5) Withdrawn.

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7) Withdrawn.

8) Withdrawn.

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