An

EIDX Convention

For

Electronic Data Interchange

Message

CONTRL

Syntax and Service Report Message

Version D.3

May 2001

Revision History

Date	Description
January 1999	As Issued
May 2001	Added clarifying notes regarding Sender/Receiver identification and Message Versions.

Contents Page

Introduction:

This guideline convention provides the recommended standardized format and establishes the data contents of the Syntax and Service Report Message (CONTRL) to be used in Electronic Data Interchange (EDI) between trading partners within the electronics industry.

1. FUNCTIONAL DEFINITION

CONTRL is a message syntactically acknowledging or rejecting, with error indication, a received interchange, functional group or message. A CONTRL message can be used to: a) acknowledge or reject a received interchange, functional group or message and list any errors contained therein, or b) indicate only the receipt of an interchange.

2. CONSIDERATIONS

The following material is from ISO9735-4, clause 1.3. Principles and Clause 3 Terms and Definitions. EIDX notes are shaded.

The sender (A) of an EDIFACT interchange can in segment UNB request a response from the recipient (B) that the interchange has been received, is syntactically correct, that the service segments are semantically correct and that the recipient supports those functions requested in the service segments. Alternatively, the request can be specified in an Interchange Agreement (IA) between the interchanging partners.

The interchange sent from A to B is called the subject interchange.

The response is sent from the recipient (B) of the subject interchange to the sender of the subject interchange (A) as one or two CONTRL messages.

A CONTRL message indicates

- the action taken by the recipient as the result of a syntactical check of the subject interchange, or alternatively
- only receipt of the interchange.

EIDX does not recommend the use of CONTRL to report only receipt of the interchange.

In the first case, the action (acknowledgement or rejection, see section 3) indicates the result of a syntactical check of the complete received interchange. The action may be indicated for the complete interchange, or it may be indicated for individual parts of it. Thus, some messages or functional groups may be acknowledged and others may be rejected. The CONTRL message must indicate the action for all parts of the subject interchange.

In the second case, only receipt of the subject interchange is indicated.
See 2.3. Terms and Definitions below.

During a syntactical check, the interchange, or part of it, is checked for compliance with:

- the EDIFACT syntax rules (ISO 9735),including rules for use of service segments,
- the syntactical aspects in specifications for the message type(s) received, and
- any additional agreements between partners regarding use of the syntax rules. Such agreements shall be conformant with ISO 9735.

Trading partners agreements regarding use of syntax rules is not recommended by EIDX. EIDX recommends that trading partners always follow ISO 9735 syntax rules.

CONTRL shall not be used to report errors, or the action taken, at the application level, i.e. reports related to the semantic information contained in user segments. Thus, acknowledgement indicated by means of CONTRL does not imply that the business content of a message has been accepted or can be complied with.

A recipient may choose to acknowledge an interchange, or part of it, even if it contains syntactical errors. These errors may also be reported. The definition of a non-fatal error is determined by the recipient. The recipient may for example, choose to acknowledge a data element exceeding the specified maximum length.

CONTRL messages may be generated by the recipient of the subject interchange or by a third party acting on behalf of the recipient. In this case, the UNB of the interchange containing the CONTRL messages will contain the same sender and receiver identifications as the subject interchange, only reversed. Alternatively, one CONTRL message rejecting the complete interchange may be generated by a third party, for example a network service, to indicate non-delivery. In this case, the UNB of the CONTRL message will contain a sender identification of the third party.

Partners may agree that a CONTRL message rejecting an erroneous subject interchange, or part of it, shall always be sent even if acknowledgement has not been requested in the subject interchange UNB segment.

A CONTRL message shall only be generated if the originator of the subject interchange supports the receipt of the CONTRL message. Support for receipt of CONTRL messages is indicated either by the acknowledgement request in the subject interchange UNB segment or in an IA.

A CONTRL message shall never be sent in a functional group.

Note: A CONTRL message rejecting the subject interchange may be sent if the actual recipient is different from the one identified in the subject interchange UNB segment. The CONTRL message shall be sent to the originator of the subject interchange, unless there is an agreement with a third party to send it to the third party. The CONTRL message shall not be sent unless the originator of the subject interchange is known to accept CONTRL messages from the originator of the CONTRL message. In some cases it may be necessary to generate the CONTRL manually, or notify the subject interchange originator by other means than CONTRL. Notification by other means than CONTRL would be necessary, for example, if the subject interchange contained only CONTRL messages (see 2.7).

2.1. Relations between CONTRL and the subject interchange

A maximum of two CONTRL messages may be sent in response to a received interchange. The first, which is optional, indicates only the receipt of the subject interchange. The second reports the action taken after the syntax check of the subject interchange. The action code in the UCI segment will indicate if the message is of the first or second type. See code list 0083.

EIDX recommends that only one CONTRL message be sent, reporting action taken after the syntax check of the subject interchange, therefore EIDX does not support the use of code '8' (Interchange received) for data element 0083 in the UCI segment.

If a request for acknowledgement is indicated in the subject interchange UNB, then the second type of CONTRL message must be sent to report the results of a syntax check of the subject interchange. The optionality of the first message implies that, if any CONTRL message is sent at all, the second type of CONTRL message must always be sent, while the first type is sent at the discretion of the subject interchange receiver. The first type may only be sent if agreed in an IA. The UCI segment in CONTRL messages of the first type shall not be used to report any errors, i.e. only a message of the second type shall be sent when there is a need to report errors by means of the UCI segment.

A CONTRL message can only report the action taken for one subject interchange, i.e. it may not refer to several subject interchanges, or to parts of several subject interchanges.

The structure of CONTRL is based on five segments (UCI, UCF, UCM, UCS and UCD), each containing a reference to a part of the subject interchange. The parts of the subject interchange are:

- the UNA, UNB and UNZ segments, referenced in the UCI segment
- the UNG and UNE segments, referenced in the UCF segment
- a complete message, referenced in the UCM segment
- a segment in a message, referenced in the UCS segment
- a simple, composite or component data element, referenced in the UCD segment.

EIDX does not support use of the UNG and UNE segments (functional groups) in UN/EDIFACT messages, and therefore does not support the use of the UCF segment in the CONTRL message.

These parts of the subject interchange are called referenced-levels.

Each of the five mentioned segments in CONTRL contains a data element indicating the action taken for the referenced part, and optionally data elements used for error reporting. Each of the five segments is called a reporting-level.

Segment groups 1 and 3 shall not be used in a CONTRL message acknowledging only the receipt of an interchange. If the subject interchange contains functional groups, only segment group 3 is used in the CONTRL message. If functional groups are not used, only segment group 1 is used in the CONTRL message.

EIDX does not recommend the use of CONTRL to report only receipt of the interchange.

NOTE: Trading partners should not try to match CONTRL to subject interchange (the interchange being acknowledged) by reversing the sender/receiver ID's of the subject interchange's UNB segment. The EDIFACT standard allows the CONTRL message to be sent by someone other than the recipient of the subject interchange, and allows it to be sent to someone other than the sender of the subject interchange. The UNB segment of the CONTRL message merely identifies who is sending the CONTRL message and who is receiving it. The UCI segment is used

to identify the sender and receiver of the subject interchange.

When there is a need to send a UCM-group (segment group 1 or 4), no more than one UCM-group shall be sent per received message.

EIDX does not support use of the functional groups in UN/EDIFACT messages, and therefore does not support the use of Segment Group 4 in the CONTRL message.

NOTE: The CONTRL message has its own version identification, independent of the version of the message(s) in the subject interchange. For example, this message guideline is for CONTRL version D.3, and this is what is specified in the version ID of the CONTRL's UNH segment. See examples at the end of this guideline. If it is necessary to identify the subject interchange' message type and version, this is done using the UCM segment. EIDX recommends using only the UCM segment of Segment Group 1 in the CONTRL message.

All reporting-levels shall be in the same order as their corresponding referenced-levels in the subject interchange.

2.2. Action codes usage

The referenced-levels of the subject interchange that may be acknowledged or rejected are those referenced by the UCI, UCF and UCM segments, i.e.

- the UNA, UNB and UNZ segments
- the UNG and UNE segments
- a complete message.

EIDX does not support use of the UNG and UNE segments (functional groups) in UN/EDIFACT messages, and therefore does not support the use of the UCF segment in the CONTRL message.

The CONTRL message also provides the means to acknowledge or reject a complete interchange or a complete functional group, without referencing messages or functional groups contained in it.

The action (acknowledgement or rejection) is indicated by a code in the UCI, UCF and UCM segments, see code list 0083. This code may indicate the action for the corresponding referenced-level, and in some cases also for its lower levels (in the interchange hierarchy, cf. Figure 1 in ISO 9735).

A referenced-level in the subject interchange is said to be explicitly reported if the CONTRL message contains a corresponding segment that references that level. Explicit reporting of a lower referenced-level requires that all referenced-levels above are acknowledged.

A referenced-level is said to be implicitly reported if the action taken for the level is reported by a UCI or UCF segment referencing a higher level in the subject interchange. Thus, for example, a functional group and all messages within it are implicitly rejected if the action code in the UCI segment indicate rejection of the complete subject interchange. Also, a message is implicitly acknowledged when the action code in UCI or UCF indicates acknowledgement of messages at the next lower level, and no UCM rejecting the message is present.

Action codes 4 and 7 are only used in CONTRL messages reporting the action after complete check of the interchange. Action code 8 is only used in CONTRL messages indicating the receipt of an interchange.

EIDX recommends that only one CONTRL message be sent, reporting action taken after the syntax check of the subject interchange, therefore EIDX does not support the use of code '8' (Interchange received) for data element

0083 in the UCI segment.

2.3. Reporting of syntactical errors

Errors can be reported at all reporting-levels of CONTRL by means of data elements in the segment constituting the reporting-level. These data elements identify the error's position in the subject interchange and indicate its nature.

The UCI, UCF and UCM segments can only report one error. If more than one error is detected at a level referenced by one of these segments, the receiver of the subject interchange is free to choose which error to report. Several CONTRL messages shall not be sent in order to report several errors.

Errors may be reported even if the referenced-level (including erroneous parts) is acknowledged. Users should be aware that some syntactical errors could change the semantics of data, and that the receiver of the subject interchange is responsible for any consequences when data with syntactic errors are acknowledged.

It is recommended that errors are identified as precisely as possible. If a precise error code can be defined, a more general (and imprecise) error code shall not be used. Similarly, the position of the error shall be identified as precisely as possible by using the lowest possible reporting-level.

No "copying" of error codes from a lower to a higher reporting-level shall occur. It would otherwise, for example, be possible to report a data element error by an error code in UCD, and repeat the same error code in UCM. In this case, the error code identifying the error shall only appear in UCD. The same rule applies at all reporting-levels.

Identification of an error's exact position and nature on receipt of the CONTRL message will often require access to the subject interchange in the format it was transferred.

2.4. Errors in data elements that are copied from the subject interchange to the CONTRL message

The CONTRL message contains several mandatory data elements that are copied from the subject interchange. If the data element in the subject interchange is missing or is syntactically invalid, a syntactically valid CONTRL message can not be generated. The error must then be reported by other means than CONTRL, unless all parties processing the CONTRL message has agreed in an IA that copying of erroneous data elements into the CONTRL message is permitted. The omission of mandatory data elements may also be permitted by an IA.

Trading partners agreements regarding use of syntax rules is not recommended by EIDX. EIDX recommends that trading partners always follow ISO 9735 syntax rules, and that errors in the subject interchange which would cause syntactically invalid data in the corresponding CONTRL message be reported by other means than the CONTRL message.

2.5. Redundant reporting of action

If action code 7 is used in UCI, it is not an error if UCM or UCF segments are sent acknowledging a message or functional group. Similarly, redundant UCM segments may acknowledge messages in a functional group when the code is used in UCF.

2.6. Re-transmission

The conditions which determine the requirements to re-send an interchange, functional group or a message must be agreed between the interchanging partners outside the scope of CONTRL.

2.7. Acknowledgement or rejection of CONTRL messages

No CONTRL, or other message types in UN/EDIFACT, shall be sent in response to a received CONTRL message. Errors in received CONTRL messages must be reported by other means than CONTRL.

If one or more CONTRL messages are contained in an interchange being responded to, the CONTRL messages generated as a response to that received interchange shall be generated as if no CONTRL messages were contained in the received interchange.

CONTRL messages shall not be sent in response to received interchanges that contain only CONTRL messages.

If CONTRL messages are mixed with other message types in an interchange, an implicit acknowledgement or rejection received for parts of that interchange does not apply to the CONTRL messages.

2.8. Support of the CONTRL message type

Requirements for support for submission and receipt of the CONTRL message type should be agreed between partners.

All parties requesting acknowledgement by means of the Acknowledgement request data element in UNB must support receipt of the CONTRL message type.

All parties supporting receipt of the CONTRL message type shall be able to understand all information at all reporting-levels in CONTRL, and be able to identify the parts of the subject interchange that are acknowledged or rejected. The party shall be able to receive CONTRL messages where implicit reporting is used.

All parties supporting submission of the CONTRL message type shall be able to check all parts of the interchange and generate all the reporting-levels of CONTRL. Support for a reporting-level implies that errors are reported at the reporting-level corresponding to the referenced-level where the error occurred.

Support for generation of segment group 3 in CONTRL is not required if an IA prohibits the use of functional groups. A party supporting receipt of CONTRL must support reception of segment group 3 if he submits interchanges with functional groups.

EIDX does not support use of the functional groups in UN/EDIFACT messages, and therefore does not support the use of Segment Group 3 in the CONTRL message.

2.9. Terms and Definitions

2.9.1. Acknowledgement.

Acknowledgement implies that the recipient of the subject interchange

- has received the acknowledged part of the interchange, and
- has checked that there are no fatal syntactic errors in the acknowledged part that prevents further processing of it, and
- has checked that all acknowledged (parts of) service segments are semantically correct (if no errors are reported), and
- will comply with the actions requested in the acknowledged (parts of the) service segments, and
- has accepted liability for notifying the sender by other means than sending a CONTRL message if
- any syntactic or semantic errors as described above, are later detected in the relevant part, or
- the part can not be processed for some other reason after the part has been acknowledged in a submitted
- CONTRL message,
- has taken reasonable precautions in order to ensure that such errors are detected and that the sender is
- notified.

2.9.2. Indication of interchange receipt

Indication of interchange receipt implies that the recipient of the subject interchange

- has received the interchange, and
- acknowledges the parts of the interchange that have been checked in order to assure that the data elements copied into the reporting UCI segment are syntactically correct, and
- has accepted liability for notifying the sender of acknowledgement or rejection of the other parts of the interchange, and
- has taken reasonable precautions in order to ensure that the sender is so notified.

2.9.3. Rejection

Rejection implies that the recipient of the subject interchange

- can not acknowledge the interchange, or relevant part of it, for reasons indicated in the CONTRL message, and
- will not take any further action on business information contained in the rejected part of the interchange.

2.9.4. To report

To indicate the action (acknowledgement or rejection) taken for an subject interchange or part of it.

2.9.5. Reporting-level

A reporting-level is a segment in CONTRL in which reporting of a corresponding referenced-level takes place. The reporting-levels are UCI, UCF, UCM, UCS and UCD.

2.9.6. Referenced-level

The structure of CONTRL is based on five segments (UCI, UCF, UCM, UCS and UCD) that contain a reference to a part of the subject interchange. The parts of the subject interchange are:

- the UNA, UNB and UNZ segments, referenced in the UCI segment
- the UNG and UNE segments, referenced in the UCF segment
- a complete message, referenced in the UCM segment
- a segment in a message, referenced in the UCS segment
- a simple, composite or component data element, referenced in the UCD segment

These parts of the subject interchange are called referenced-levels.

2.9.7. Subject interchange

The interchange that a CONTRL message is returned in response to.

3. BENEFITS

- Provides sender with confirmation that a sent interchange was received by the recipient and evaluated for syntactically errors

4. EIDX BUSINESS MODELS

The CONTRL message is a service message. It's use is implied in all business models.

5. FIELD OF APPLICATION

The UN Standard CONTRL Syntax and Service Report Report Message may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

This specification of CONTRL can be used for version 1, 2, or 3 of the EDIFACT syntax (ISO 9735).

6. FORMAT

The transmission in the UN/EDIFACT format is uses one required envelope. This is the UNB Interchange Header, which is the set of a sender's mailbox address and a receiver's mailbox address. The equivalent to the ASC X12 Interchange Sender and Receiver codes are sent in the UNH Interchange Sender, Level One, and UNH Interchange Recipient, Level Two

EDIFACT used to allow for a Functional Group envelope, the UNG. However, this was never used and is no longer mentioned in the UN/EDIFACT CD 9735-0 *Application level syntax rules*. Instead, the UNH Interchange Header allows additional levels of sender and recipient identification codes, which may be used to convey group level identifiers. The equivalent to the ASC X12 Group Sender and Receiver codes are advised and may be sent in the UNH Interchange Sender, Level Two, and UNH Interchange Recipient, Level Two.

The UNH Interchange Sender, Level Three and UNH Interchange Recipient, Level Three, are not recommended, since few Trading Partners' EDI systems are capable of processing them.

The default service characters reserved for use in EDIFACT are:

Colon	:	Component data element separator
Plus sign	+	Data element separator
Question mark	?	Release character
Asterisk	*	Repetition separator
Apostrophe	‘	Segment terminator

It is recommended that the defaults be used. However, the conditional Service String Advice (UNA) provides the capability to specify the service characters used in the interchange, if it is necessary to use characters that differ from the above defaults. UNA is transmitted as a single string of 9 characters prior to the UNB interchange segment.

EDIFACT utilizes Data Elements and compound Data Elements (composites) which can be described as "mini-segments." An example of this is in the DELFOR UNH Segment where data element 0065 and 0052 are composites of UNH02:

UNH.S009	2nd element	Message identifier
UNH.S009.0065	2nd element, 1st subelement	Message type
UNH.S009.0052	2nd element, 2nd subelement	Message type version number
UNH.0068	3rd element	Common access reference

Any shaded areas indicate EIDX recommended usage and comment.

7. ATTRIBUTES

Each data element and composite has three EDIFACT attributes: Element/composite usage, element type and minimum/maximum length. EIDX has additional usage indicated for optional segments, elements and composite types that are noted in the following table.

MARGIN	ATTRIBUTE	DE NOTE	MEANING
>>	M (Mandatory)	N/A	If a segment, composite, or stand alone data element is mandatory according to the standard, EIDX cannot change the mandatory status on that component. *DATA ELEMENT within a COMPOSITE:* A data element within a composite is mandatory only if the composite is used.
X	C (Conditional)	No note or NOT USED	EIDX has determined no value in supplying the composite or data element; hence, it need not be generated.
Blank	C (Conditional)	REQUIRED	EIDX members agree that the data concerned must be sent.
Blank	C (Conditional)	No note	Indicates that EIDX makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C (Conditional)	ADVISED	EIDX has determined value in supplying the data element; hence, it should be generated.
Blank	C (Conditional)	DEPENDING	Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail.

8. ADDITIONAL REFERENCES

- See *UNTDID, Part 4, Chapter 2.6 UN/ECE UNSM* - General Introduction, Sections 1 and 2.

Issues Log

There is no issues log.

CONTRL Syntax and Service Report Message with all segments listed

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use	010	UNH	Message Header	M	1		
Must Use	020	UCI	Interchange Response	M	1		
	025	XXX	Segment Group Header Group 1	C	999999		
			Segment Group 1: UCM-XXX-SG2	C		999999	
Must Use	030	UCM	Message Response	M	1		
	035	XXX	Segment Group Header Group 2	C	999		
			Segment Group 2: UCS-UCD	C		999	
Must Use	040	UCS	Segment Error Indication	M	1		
	050	UCD	Data Element Error Indication	C	99		
			Segment Group 3: UCF-SG4	C		999999	
Not Used	060	UCF	Functional Group Response	M	1		
			Segment Group 4: UCM-SG5	C		999999	
Not Used	070	UCM	Message Response	M	1		
			Segment Group 5: UCS-UCD	C		999	
Not Used	080	UCS	Segment Error Indication	M	1		
Not Used	090	UCD	Data Element Error Indication	C	99		
Must Use	100	UNT	Message Trailer	M	1		

CONTRL Syntax and Service Report Message with 'Used' segments only

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use	010	UNH	Message Header	M	1		
Must Use	020	UCI	Interchange Response	M	1		
			Segment Group 1: UCM-XXX-SG2	C		999999	
Must Use	030	UCM	Message Response	M	1		
			Segment Group 2: UCS-UCD	C		999	
Must Use	040	UCS	Segment Error Indication	M	1		
	050	UCD	Data Element Error Indication	C	99		
Must Use	100	UNT	Message Trailer	M	1		

Segment: UNH Message Header

Position: 010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for Syntax and service report message is CONTRL.

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**0062**		**Message reference number**	**M an..14**
			Unique message reference assigned by the sender.	
			Must be the same reference number as in DE 0062 of the UNT segment.	
>>	**S009**		**Message Identifier**	**M**
			Identification of the type, version etc. of the message being interchanged.	
>>		**0065**	**Message type identifier**	**M an..6**
			Code identifying a type of message and assigned by its controlling agency.	
			CONTRL Control message	
>>		**0052**	**Message type version number**	**M an..3**
			Version number of a message type.	
			Version of the CONTRL message (not the version of the message being syntactically acknowledged).	
			D Draft version/UN/EDIFACT Directory	
>>		**0054**	**Message type release number**	**M an..3**
			Release number within the current message type version number (0052).	
			Release of the CONTRL message (not the release of the message being syntactically acknowledged).	
			3 Release 3	
>>		**0051**	**Controlling agency**	**M an..2**
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
			UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	
		0057	**Association assigned code**	**C an..6**
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	
			EIVER1 Electronics Industry Data Exchange Association	
X	**0068**		**Common access reference**	**C an..35**
			Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	
X	**S010**		**Status of the Transfer**	**C**

		Statement that the message is one in a sequence of transfers relating to the same topic.		
X	**0070**	**Sequence message transfer number**	**M**	**n..2**
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.		
X	**0073**	**First/last sequence message transfer indication**	**C**	**a1**
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic. Refer to 93.1 Data Element Dictionary for acceptable code values.		

Segment: UCI Interchange Response

Position: 020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the interchange being responded to (the subject interchange). It also indicates interchange receipt, acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments, and identifies any error related to these segments. Depending on the action code, it may also indicate the action taken on the functional groups and messages within that interchange. The subject interchange is identified by copying its Interchange sender, Interchange recipient, and Interchange control reference data elements into the identical data elements in this segment. An erroneous or missing UNA, UNB or UNZ segment may be identified. If no segment is identified, the error relates the complete interchange, unless the error code identifies some other position.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes	
>>	**0020**		**Interchange control reference**	**M**	**an..14**
			Unique reference assigned by the sender to an interchange.		
			From the UNB.0020 of the interchange being acknowledged.		
>>	**S002**		**Interchange sender**	**M**	
			Identification of the sender of the interchange.		
>>		**0004**	**Sender identification**	**M**	**an..35**
			Name or coded representation of the sender of a data interchange.		
			From the UNB.S002.004 of the message being syntactically acknowledged.		
		0007	**Identification code qualifier**	**C**	**an..4**
			Qualifier referring to the source of codes for the identifiers of interchanging partners.		
			From the UNB.S002.007 of the message being syntactically acknowledged (if applicable).		
			1 DUNS (Dun & Bradstreet)		
			9 DUNS with 4 digit suffix		
			14 EAN (International Article Numbering Association)		
			91 Assigned by seller or seller's agent		
			92 Assigned by buyer or buyer's agent		
		0008	**Address for reverse routing**	**C**	**an..14**
			Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.		
			From the UNB.S002.008 of the message being syntactically acknowledged (if applicable).		

>>	**S003**		**Interchange recipient**	**M**	
			Identification of the recipient of the interchange.		
>>		**0010**	**Recipient identification**	**M**	**an..35**
			Name or coded representation of the recipient of a data interchange.		
			From the UNB.S005.004 of the message being syntactically acknowledged.		
		0007	**Identification code qualifier**	**C**	**an..4**
			Qualifier referring to the source of codes for the identifiers of interchanging partners.		
			From the UNB.S005.007 of the message being syntactically acknowledged (if applicable).		
			1 DUNS (Dun & Bradstreet)		
			9 DUNS with 4 digit suffix		
			14 EAN (International Article Numbering Association)		
			91 Assigned by seller or seller's agent		
			92 Assigned by buyer or buyer's agent		
		0014	**Routing address**	**C**	**an..14**
			Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.		
			From the UNB.S005.014 of the message being syntactically acknowledged (if applicable).		
>>	**0083**		**Action, coded**	**M**	**an..3**
			A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.		
			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. Use when the entire interchange is rejected.		
			7 This level acknowledged, next lower level acknowledged if not explicitly rejected The corresponding referenced-level is acknowledged. All messages or functional groups at the next lower referenced-level are acknowledged except those explicitly reported as rejected at the next lower reporting-level in this CONTRL message. Use when when 1) there are no errors in any of the messages (all messages acknowledged and accepted), 2) some messages in the interchange are acknowledged and accepted and one or more other messages in the interchange contain errors or are rejected or 3) all messages in the interchange contain errors or are rejected.		

0085 **Syntax error, coded** **C** **an..3**

A code indicating the error detected.

EIDX Usage: DEPENDING. Per ISO9735-4, if data element 0013 or S011 is present in a segment, data element 0085 shall be present. Code list below is based on ISO 9735-4, Annex B, which describes at which reporting-level an error code may be used.

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 simple 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 simple 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, simple data element type, composite data element type or component data element type in the specific 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 exist that allows receipt of an interchange, functional group or message with the value of the identified simple 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.

19	Invalid decimal notation Notification that the character indicated as decimal notation in UNA is invalid, or the decimal notation used in a data element is not consistent with the one indicated in UNA.
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 level 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 service characters in the syntax level indicated in UNB or defined in an interchange agreement. 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 functional group is older than a limit specified in an IA or determined by the recipient.
25	Test indicator not supported Notification that a test processing could not be performed for the identified interchange, functional group or message.
26	Duplicate detected Notification that a possible duplication of a previously received interchange, functional group or message has been detected. The earlier transmission may have been rejected.
27	Security function not supported Notification that a security funciton related to the referenced-level or data element is not supported.
28	References do not match Notification that the control reference in UNB/UNG/UNH does not match the one in UNZ/UNE/UNT.
29	Control count does not match number of instances received Notification that the number of functional groups/messages/segments does not match the number given in UNZ/UNE/UNT.
30	Functional groups and messages mixed

Notification that individual messages and functional groups have been mixed at the same level in the interchange.

32 Lower level empty

Notification that the interchange did not contain any messages or functional groups, or a functional group did not contain any messages.

33 Invalid occurrence outside message or functional group

Notification that an invalid segment or data element occurred in the interchange, between messages or between functional groups. Rejection is reported at the level above.

37 Invalid type of character(s)

Notification that one or more numeric characters were used in an alphabetic (component) data element or that one or more alphabetic characters were 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.

41 Permanent communication network error

Notification that a permanent error was reported by the communication network used for transfer of the interchange. Re-transmission of an identical interchange with the same parameters at network level will not succeed.

42 Temporary communication network error

Notification that a temporary error was reported by the communication network used for transfer of the interchange. Re-transmissions of an identical interchange may succeed.

43 Unknown interchange recipient

Notification that the interchange recipient is not known by a network provider.

0013 Service segment tag, coded C a..3

Code identifying a segment

EIDX Usage: OPTIONAL Segment tag of segment containing syntactical error. Only the segments on the code list below are allowable on the UCI segment. Per ISO9735-4, if this data element is sent, data element 0085 must also be sent on this segment.

UNA Service string advice

UNB Interchange Header

UNZ Interchange Trailer

	S011		**Data Element Identification**	**C**	
			Identification of the position for an erroneous data element. This can be the position of a simple or composite data element in the definition of a segment or a component data element in the definition a composite data element.		
			EIDX Usage: OPTIONAL. Per ISO9735-4, if this data element is sent, data elements 0085 and 0013 must also be sent on this segment.		
>>		**0098**	**Erroneous data element position in segment.**	**M**	**n..3**
			The numerical count position of the simple or composite data element in error. The segment code and each following simple or composite data element defined in the segment description shall cause the count to be incremented. The segment tag has position number 1.		
		0104	**Erroneous component data element position**	**C**	**n..3**
			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.		
			EIDX Usage: DEPENDING. Use if UCI.S011.0098 Erroneous data element position is segment identifies a composite data element.		

Segment Group Header Group 1

Position: 025
Group:
Level: 1
Usage: Conditional
Max Use: 999999
Purpose: A group of segments sent in response to a message in the subject interchange identified in the UCI segment. This segment group is only used if the subject interchange does not contain functional groups.
Syntax Notes:
Semantic Notes:
Comments:
Notes: EIDX Usage: DEPENDING. This segment group only needs to be sent if error detail for one or more received messages is being reported. If all messages in the interchange are acknowledged and accepted, it is not necessary to acknowledge at the message level. This segment group also does not need to be sent if the entire interchange is rejected and error detail is not being reported.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
			Segment Group 1: UCM-XXX-SG2	C		999999	
Must Use	030	UCM	Message Response	M	1		
	035	XXX	Segment Group Header Group 2	C	999		
			Segment Group 2: UCS-UCD	C		999	
Must Use	040	UCS	Segment Error Indication	M	1		
	050	UCD	Data Element Error Indication	C	99		

Segment: UCM Message Response

Position: 030
Group: Segment Group 1 Conditional
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying a message in the subject interchange, indicating that message's acknowledgement or rejection (action taken), and identifying any error related to the UNH and UNT segments. The message is identified by copying its Message identifier and Message reference number data elements into the identical data elements in this segment. An erroneous or missing UNH or UNT segment may be identified. If no segment is identified and segment group 2 is not present, the error relates to the complete message, unless the error code identifies some other position.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**0062**		**Message reference number**	**M an..14**
			Unique message reference assigned by the sender.	
			From the UNH.0062 of the message being acknowledged.	
>>	**S009**		**Message Identifier**	**M**
			Identification of the type, version etc. of the message being interchanged.	
>>		**0065**	**Message type identifier**	**M an..6**
			Code identifying a type of message and assigned by its controlling agency.	
			From the UNH.S009.0065 of the message being acknowledged.	
			Refer to 93.1 Data Element Dictionary for acceptable code values.	
>>		**0052**	**Message type version number**	**M an..3**
			Version number of a message type.	
			From the UNH.S009.0052 of the message being acknowledged.	
>>		**0054**	**Message type release number**	**M an..3**
			Release number within the current message type version number (0052).	
			From the UNH.S009.0054 of the message being acknowledged.	
>>		**0051**	**Controlling agency**	**M an..2**
			Code identifying the agency controlling the specification, maintenance and publication of the message type.	
			From the UNH.S009.0051 of the message being acknowledged.	
			UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)	
		0057	**Association assigned code**	**C an..6**
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	
			From the UNH.S009.0057 of the message being acknowledged.	
			EIVER1 Electronics Industry Data Exchange Association	
>>	**0083**		**Action, coded**	**M an..3**

A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.

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, next lower level acknowledged if not explicitly rejected The corresponding referenced-level is acknowledged. All messages or functional groups at the next lower referenced-level are acknowledged except those explicitly reported as rejected at the next lower reporting-level in this CONTRL message.

0085 Syntax error, coded C an..3

A code indicating the error detected.

EIDX Usage: DEPENDING. Per ISO9735-4, if data element 0013 or S011 is present in a segment, data element 0085 shall be present. Code list below is based on ISO 9735-4, Annex B, which describes at which reporting-level an error code may be used.

12	Invalid value Notification that the value of a simple 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 simple 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, simple data element type, composite data element type or component data element type in the specific 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 exist that allows receipt of an interchange, functional group or message with the value of the identified simple 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.

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 level 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 service characters in the syntax level indicated in UNB or defined in an interchange agreement. If the code is used in UCS or UCD, the invalid character followed immediately after the identified part of the interchange.
25	Test indicator not supported Notification that a test processing could not be performed for the identified interchange, functional group or message.
26	Duplicate detected Notification that a possible duplication of a previously received interchange, functional group or message has been detected. The earlier transmission may have been rejected.
27	Security function not supported Notification that a security funciton related to the referenced-level or data element is not supported.
28	References do not match Notification that the control reference in UNB/UNG/UNH does not match the one in UNZ/UNE/UNT.
29	Control count does not match number of instances received Notification that the number of functional groups/messages/segments does not match the number given in UNZ/UNE/UNT.
30	Functional groups and messages mixed Notification that individual messages and functional groups have been mixed at the same level in the interchange.
31	More than one message type in group Notification that differenct message types are contained in a functional group.
34	Nesting indicator not allowed Notification that explicit nesting has been used in a message where it shall not be used.

			37	Invalid type of character(s) Notification that one or more numeric characters were used in an alphabetic (component) data element or that one or more alphabetic characters were 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.		
	0013		**Service segment tag, coded** Code identifying a segment EIDX Usage: OPTIONAL. Segment tag of segment containing syntactical error. Only the segments on the code list below are allowable on the UCM segment. Per ISO9735-4, if this data element is sent, data element 0085 must also be sent on this segment.	**C**	**a..3**
			UNH	Message Header		
			UNT	Message Trailer		
	S011		**Data Element Identification** Identification of the position for an erroneous data element. This can be the position of a simple or composite data element in the definition of a segment or a component data element in the definition a composite data element. EIDX Usage: OPTIONAL. Per ISO9735-4, if this data element is sent, data elements 0085 and 0013 must also be sent on this segment.	**C**	
>>		**0098**	**Erroneous data element position in segment.** The numerical count position of the simple or composite data element in error. The segment code and each following simple or composite data element defined in the segment description shall cause the count to be incremented. The segment tag has position number 1.	**M**	**n..3**
		0104	**Erroneous component data element position** 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.	**C**	**n..3**

Segment Group Header Group 2

Position: 035
Group: Segment Group 1 Conditional
Level: 2
Usage: Conditional
Max Use: 999
Purpose: A group of segments sent in response to a segment containing one or more errors, and which was part of the message identified by the UCM segment in segment group 1.
Syntax Notes:
Semantic Notes:
Comments:
Notes: EIDX Usage: OPTIONAL

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
			Segment Group 2: UCS-UCD	C		999	
Must Use	040	UCS	Segment Error Indication	M	1		
	050	UCD	Data Element Error Indication	C	99		

Segment: UCS Segment Error Indication

Position: 040
Group: Segment Group 2 Conditional
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying a segment in the message, indicating that this segment contains an error, and identifying any error related to the complete segment.

Syntax Notes:
Semantic Notes:
Comments:
Notes: Use to identify errors for segments within (but not including) the UNH/UNT envelope.

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**0096**		**Segment position in message**	**M n..6**
			The numerical count position of a specific segment that is within the actual received message. The numbering starts with, and includes, the UNH 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.	
	0085		**Syntax error, coded**	**C an..3**
			A code indicating the error detected.	
			EIDX Usage: DEPENDING. If the error applies to the whole segment, data element 0085 is required on the UCS. If the error applies to a data element or composite on the segment, the segment position is indicated in data element 0096 in the UCS, and data element position and error are indicated on the UCD segment.	
			12 Invalid value Notification that the value of a simple 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 simple 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, simple data element type, composite data element type or component data element type in the specific 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.
18	Unspecified error
	Notification that an error has been identified, but the nature of the error is not reported.
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 level 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 service characters in the syntax level indicated in UNB or defined in an interchange agreement. If the code is used in UCS or UCD, the invalid character followed immediately after the identified part of the interchange.
27	Security function not supported
	Notification that a security funciton related to the referenced-level or data element is not supported.
34	Nesting indicator not allowed
	Notification that explicit nesting has been used in a message where it shall not be used.
35	Too many segment repetitions
	Notification that a segment was repeated too many times.
36	Too many segment group repetitions
	Notification that a segment group is repeated to many times.

Segment: UCD Data Element Error Indication

Position: 050
Group: Segment Group 2 Conditional
Level: 3
Usage: Conditional
Max Use: 99
Purpose: A segment identifying an erroneous simple, composite or component data element in the segment identified by the UCS segment in segment group 2, and identifying the nature of the error.
Syntax Notes:
Semantic Notes:
Comments:
Notes: EIDX Usage: OPTIONAL.

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**0085**		**Syntax error, coded**	**M an..3**
			A code indicating the error detected.	
			Code list below is based on ISO 9735-4, Annex B, which describes at which reporting-level an error code may be used.	
			12 Invalid value Notification that the value of a simple 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 simple 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, simple data element type, composite data element type or component data element type in the specific 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.	

18	Unspecified error Notification that an error has been identified, but the nature of the error is not reported.
19	Invalid decimal notation Notification that the character indicated as decimal notation in UNA is invalid, or the decimal notation used in a data element is not consistent with the one indicated in UNA.
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 level 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 service characters in the syntax level indicated in UNB or defined in an interchange agreement. If the code is used in UCS or UCD, the invalid character followed immediately after the identified part of the interchange.
27	Security function not supported Notification that a security funciton related to the referenced-level or data element is not supported.
34	Nesting indicator not allowed Notification that explicit nesting has been used in a message where it shall not be used.
37	Invalid type of character(s) Notification that one or more numeric characters were used in an alphabetic (component) data element or that one or more alphabetic characters were used in a numeric (component) data element.
38	Missing digit in front of decimal sign Notification that a decimal sign is not preceded by one or more digits.
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.

>>	**S011**		**Data Element Identification**	**M**	
			Identification of the position for an erroneous data element. This can be the position of a simple or composite data element in the definition of a segment or a component data element in the definition a composite data element.		
>>		**0098**	**Erroneous data element position in segment.**	**M**	**n..3**
			The numerical count position of the simple or composite data element in error. The segment code and each following simple or composite data element defined in the segment description shall cause the count to be incremented. The segment tag has position number 1.		
		0104	**Erroneous component data element position**	**C**	**n..3**
			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.		

Segment: UNT Message Trailer

Position: 100
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Data Element	Component Element	Name	Attributes
>>	**0074**		**Number of segments in a message** Control count of number of segments in a message.	**M n..6**
>>	**0062**		**Message reference number** Unique message reference assigned by the sender.	**M an..14**

CONTRL Examples

CONTRL EXAMPLE 1 – SUBJECT INTERCHANGE ACKNOWLEDGED AND ACCEPTED WITHOUT ERRORS; CONTRL SENDER IS SUBJECT INTERCHANGE RECIPIENT

This is a sample of an original CONTRL message where the subject interchange (interchange being syntactically ackonwledged) is acknowledged and accepted without errors. Acknowledgment and acceptance of all messages within the subject interchange is implied. The sender of the CONTRL message is the recipient of the subject and the recipient of the CONTRL message is the sender of the subject interchange.

Example 1 Summary

UNB+UNOA:1+012345678:1+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
UNH+000000001+CONTRL :D:3:UN:EIVER1'	**UNH MESSAGE HEADER**
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
UNT+3+000000001'	**UNT MESSAGE TRAILER**
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**

Example 1 Explanation

UNB+UNOA:1+012345678:1+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
	S001 Syntax Identifier [M]
	0001 Syntax Identifier [M/an4]: UNOA (As defined in ISO 646 (with the exception of letters, lower case a to z).)
	0002 Syntax version number [M/n1]: 1
	S002 Interchange Sender [M]
	0004 Sender identification [M/an..35]: 012345678 (Sender of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	S003 Interchange Recipient [M]
	0010 Recipient identification [M/an..35]: 987654321 (Recipient of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0014 Routing address [C/an..14]: MFUS-PO
	S004 Date/Time of Preparation [M]
	0017 Date of preparation [M/an6]: 970731 (July 31, 1997)
	0019 Time of preparation [M/n4]: 1908 (7:08 p.m.)
	0020 Interchange control reference [M/an..14]: 000007596
Example continued on next page	

UNH+000000001+CONTRL :D:3:UN:EIVER1’	**UNH MESSAGE HEADER**
	0062 Message reference number [M/an..14]: 000000001
	S009 Message identifier [M}
	0065 Message type [M/an..6]: CONTRL (Syntax and Service Report Message)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 3 (Release 3)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
	0020 Interchange control reference [M/an..14]: 4 (Interchange control reference of the subject interchange)
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 987654321 (Sender of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0008 Address for reverse routing [C/an..14]: MFUS-PO (Reverse routing address of the subject interchange)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 012345678 (Recipient of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS number)
	0083 Action, coded [M/an..3]: 7 (This level acknowledged, next lower level acknowledged if not explicitly rejected)
UNT+3+000000001'	**UNT MESSAGE TRAILER**
	0074 Number of segments in a message [M/n..6]: 3 (3 segments in this message [UNH-UNT inclusive])
	0062 Message reference number [M/an..14]: 000000001 (Reference Number from UNH DE 0062 of this message)
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**
	0036 Interchange control count [M/n..6]: 1 (1 message in this interchange)
	0020 Interchange control reference [M/an..14]: 000007596

CONTRL EXAMPLE 2 – SUBJECT INTERCHANGE REJECTED, ERROR IN SUBJECT INTERCHANGE AT INTERCHANGE LEVEL; CONTRL SENDER IS SUBJECT INTERCHANGE RECIPIENT

This is a sample of an original CONTRL message where the subject interchange (interchange being syntactically acknowledged) is rejected, and an error is reported for the UNZ of the subject interchange . Rejection of all messages within the subject interchange is implied, and no detail about. The sender of the CONTRL message is the recipient of the subject and the recipient of the CONTRL message is the sender of the subject interchange.

Example 2 Summary

UNB+UNOA:1+012345678:1+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
UNH+000000001+CONTRL :D:3:UN:EIVER1'	**UNH MESSAGE HEADER**
UCI+4+987654321:1:MFUS-PO+012345678:1+4+28'	**UCI INTERCHANGE RESPONSE**
UNT+3+000000001'	**UNT MESSAGE TRAILER**
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**

Example 2 Explanation

UNB+UNOA:1+012345678:1+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
	S001 Syntax Identifier [M}
	0001 Syntax Identifier [M/an4]: UNOA (As defined in ISO 646 (with the exception of letters, lower case a to z).)
	0002 Syntax version number [M/n1]: 1
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 012345678 (Sender of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 987654321 (Recipient of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0014 Routing address [C/an..14]: MFUS-PO
	S004 Date/Time of Preparation [M}
	0017 Date of preparation [M/an6]: 970731 (July 31, 1997)
	0019 Time of preparation [M/n4]: 1908 (7:08 p.m.)
	0020 Interchange control reference [M/an..14]: 000007596
Example continued on next page	

UNH+000000001+CONTRL :D:3:UN:EIVER1’	**UNH MESSAGE HEADER**
	0062 Message reference number [M/an..14]: 000000001
	S009 Message identifier [M}
	0065 Message type [M/an..6]: CONTRL (Syntax and Service Report Message)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 3 (Release 3)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
UCI+4+987654321:1:MFUS-PO+012345678:1+4+28'	**UCI INTERCHANGE RESPONSE**
	0020 Interchange control reference [M/an..14]: 4 (Interchange control reference of the subject interchange)
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 987654321 (Sender of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0008 Address for reverse routing [C/an..14]" MFUS-PO (Reverse routing address of the subject interchange)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 012345678 (Recipient of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS number)
	0083 Action, coded [M/an..3]: 4 (This level and all lower levels rejected)
	0085 Syntax error, coded [C/an..3]: 28 (References do not match)
	0013 Service segment tag, coded [C/an..3]: UNZ (UNZ is the segment where the Interchange control reference of the subject UNZ does not match the Interchange control reference of the subject UNB)
UNT+3+000000001'	**UNT MESSAGE TRAILER**
	0074 Number of segments in a message [M/n..6]: 3 (3 segments in this message [UNH-UNT inclusive])
	0062 Message reference number [M/an..14]: 000000001 (Reference Number from UNH DE 0062 of this message)
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**
	0036 Interchange control count [M/n..6]: 1 (1 message in this interchange)
	0020 Interchange control reference [M/an..14]: 000007596

CONTRL EXAMPLE 3 – SUBJECT INTERCHANGE ACKNOWLEDGED, FATAL ERROR AT UNH/UNT LEVEL ; CONTRL SENDER IS THIRD PARTY

This is a sample of an original CONTRL message where the subject interchange (interchange being syntactically ackonwledged) is acknowledged, and a fatal error is reported for the UNH segment of the subject message. The sender of the CONTRL message is a third party (not the recipient of the subject interchange) and the recipient of the CONTRL message is the sender of the subject interchange.

Example 3 Summary

UNB+UNOA:1+012345678AGNT+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
UNH+000000001+CONTRL :D:3:UN:EIVER1'	**UNH MESSAGE HEADER**
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
UCM+PO12435+ORDERS:D:97A+4+26+UNH+1'	**UCM MESSAGE RESPONSE**
UNT+4+000000001'	**UNT MESSAGE TRAILER**
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**

Example 3 Explanation

UNB+UNOA:1+012345678AGNT+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
	S001 Syntax Identifier [M}
	0001 Syntax Identifier [M/an4]: UNOA (As defined in ISO 646 (with the exception of letters, lower case a to z).)
	0002 Syntax version number [M/n1]: 1
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 012345678AGNT (Sender of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 9 (DUNS Number with 4 digit suffix)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 987654321 (Recipient of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0014 Routing address [C/an..14]: MFUS-PO
	S004 Date/Time of Preparation [M}
	0017 Date of preparation [M/an6]: 970731 (July 31, 1997)
	0019 Time of preparation [M/n4]: 1908 (7:08 p.m.)
	0020 Interchange control reference [M/an..14]: 000007596
Example continued on next page	

UNH+000000001+CONTRL :D:3:UN:EIVER1'	**UNH MESSAGE HEADER**
	0062 Message reference number [M/an..14]: 000000001
	S009 Message identifier [M}
	0065 Message type [M/an..6]: CONTRL (Syntax and Service Report Message)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 3 (Release 3)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
	0020 Interchange control reference [M/an..14]: 4 (Interchange control reference of the subject interchange)
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 987654321 (Sender of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0008 Address for reverse routing [C/an..14]: MFUS-PO (Reverse routing address of the subject interchange)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 012345678 (Recipient of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS number)
	0083 Action, coded [M/an..3]: 7 (This level acknowledged, next lower level acknowledged if not explicitly rejected)
UCM+PO12435+ORDERS:D:97A+4+26+UNH+ 1'	**UCM MESSAGE RESPONSE**
	0062 Message reference number [M/an..14]: PO12435
	S009 Message identifier [M}
	0065 Message type [M/an..6]: ORDERS (Purchase Order)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 97A (Release 1997 - A)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
	0083 Action, coded [M/an..3]: 4 (This level and all lower levels rejected)
	0085 Syntax error, coded [C/an..3]: 26 (Duplicate detected)
	0013 Service segment tag, coded [C/an..3]: UNH
	S011 Data Element Identification [C}
	0098 Erroneous data element position in segment [M/n..3]: 1 (First element or composite in subject UNH)

Example continued on next page

UNT+4+000000001'	**UNT MESSAGE TRAILER**
	0074 Number of segments in a message [M/n..6]: 4 (4 segments in this message [UNH-UNT inclusive])
	0062 Message reference number [M/an..14]: 000000001 (Reference Number from UNH DE 0062 of this message)
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**
	0036 Interchange control count [M/n..6]: 1 (1 message in this interchange)
	0020 Interchange control reference [M/an..14]: 000007596

CONTRL EXAMPLE 4 – SUBJECT INTERCHANGE ACKNOWLEDGED, FATAL ERROR IN MESSAGE AT SEGMENT LEVEL; CONTRL SENDER IS SUBJECT INTERCHANGE RECIPIENT

This is a sample of an original CONTRL message where the subject interchange (interchange being syntactically acknowledged) is acknowledged, and a fatal error is reported for a segment in the subject message. The sender of the CONTRL message is the recipient of the subject and the recipient of the CONTRL message is the sender of the subject interchange.

Example 4 Summary

UNB+UNOA:1+012345678+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
UNH+000000001+CONTRL :D:3:UN:EIVER1'	**UNH MESSAGE HEADER**
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
UCM+PO12435+ORDERS:D:97A+4'	**UCM MESSAGE RESPONSE**
UCS+26+13'	**UCS SEGMENT ERROR INDICATION**
UNT+5+000000001'	**UNT MESSAGE TRAILER**
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**

Example 4 Explanation

UNB+UNOA:1+012345678+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
	S001 Syntax Identifier [M]
	0001 Syntax Identifier [M/an4]: UNOA (As defined in ISO 646 (with the exception of letters, lower case a to z).)
	0002 Syntax version number [M/n1]: 1
	S002 Interchange Sender [M]
	0004 Sender identification [M/an..35]: 012345678 (Sender of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 9 (DUNS Number with 4 digit suffix)
	S003 Interchange Recipient [M]
	0010 Recipient identification [M/an..35]: 987654321 (Recipient of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0014 Routing address [C/an..14]: MFUS-PO
	S004 Date/Time of Preparation [M]
	0017 Date of preparation [M/an6]: 970731 (July 31, 1997)
	0019 Time of preparation [M/n4]: 1908 (7:08 p.m.)
	0020 Interchange control reference [M/an..14]: 000007596
Example continued on next page	

UNH+000000001+CONTRL :D:3:UN:EIVER1’	**UNH MESSAGE HEADER**
	0062 Message reference number [M/an..14]: 000000001
	S009 Message identifier [M}
	0065 Message type [M/an..6]: CONTRL (Syntax and Service Report Message)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 3 (Release 3)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
	0020 Interchange control reference [M/an..14]: 4 (Interchange control reference of the subject interchange)
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 987654321 (Sender of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0008 Address for reverse routing [C/an..14]: MFUS-PO (Reverse routing address of the subject interchange)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 012345678 (Recipient of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS number)
	0083 Action, coded [M/an..3]: 7 (This level acknowledged, next lower level acknowledged if not explicitly rejected)
UCM+PO12435+ORDERS:D:97A+4'	**UCM MESSAGE RESPONSE**
	0062 Message reference number [M/an..14]: PO12435
	S009 Message identifier [M}
	0065 Message type [M/an..6]: ORDERS (Purchase Order)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 97A (Release 1997 - A)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
	0083 Action, coded [M/an..3]: 4 (This level and all lower levels rejected)
Example continued on next page	

UCS+26+13'	**UCS SEGMENT ERROR INDICATION**
	0096 Segment position in message [M/n..6]: 25 (Error detected during or after evaluation of 25th segment in the message, starting count with the UNH segment)
	0085 Syntax error, coded [C/an..3]: 13 (Missing - a segment is missing which was expected in the 26th position of the message)
UNT+5+000000001'	**UNT MESSAGE TRAILER**
	0074 Number of segments in a message [M/n..6]: 5 (5 segments in this message [UNH-UNT inclusive])
	0062 Message reference number [M/an..14]: 000000001 (Reference Number from UNH DE 0062 of this message)
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**
	0036 Interchange control count [M/n..6]: 1 (1 message in this interchange)
	0020 Interchange control reference [M/an..14]: 000007596

CONTRL EXAMPLE 5 – SUBJECT INTERCHANGE ACKNOWLEDGED, FATAL ERROR IN MESSAGE AT DATA ELEMENT LEVEL; CONTRL SENDER IS SUBJECT INTERCHANGE RECIPIENT

This is a sample of an original CONTRL message where the subject interchange (interchange being syntactically acknowledged) is acknowledged, and a fatal error is reported for a data element in the subject message. The sender of the CONTRL message is the recipient of the subject and the recipient of the CONTRL message is the sender of the subject interchange.

Example 5 Summary

UNB+UNOA:1+012345678+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
UNH+000000001+CONTRL :D:3:UN:EIVER1'	**UNH MESSAGE HEADER**
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
UCM+PO12435+ORDERS:D:97A+4'	**UCM MESSAGE RESPONSE**
UCS+26+13'	**UCS SEGMENT ERROR INDICATION**
UCD+12+2:3'	**UCD DATA ELEMENT ERROR INDICATION**
UNT+6+000000001'	**UNT MESSAGE TRAILER**
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**

Example 5 Explanation

UNB+UNOA:1+012345678+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
	S001 Syntax Identifier [M}
	0001 Syntax Identifier [M/an4]: UNOA (As defined in ISO 646 (with the exception of letters, lower case a to z).)
	0002 Syntax version number [M/n1]: 1
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 012345678 (Sender of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 9 (DUNS Number with 4 digit suffix)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 987654321 (Recipient of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0014 Routing address [C/an..14]: MFUS-PO
	S004 Date/Time of Preparation [M}
	0017 Date of preparation [M/an6]: 970731 (July 31, 1997)
	0019 Time of preparation [M/n4]: 1908 (7:08 p.m.)
	0020 Interchange control reference [M/an..14]: 000007596
Example continued on next page	

UNH+000000001+CONTRL :D:3:UN:EIVER1'	**UNH MESSAGE HEADER**
	0062 Message reference number [M/an..14]: 000000001
	S009 Message identifier [M}
	0065 Message type [M/an..6]: CONTRL (Syntax and Service Report Message)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 3 (Release 3)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
	0020 Interchange control reference [M/an..14]: 4 (Interchange control reference of the subject interchange)
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 987654321 (Sender of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0008 Address for reverse routing [C/an..14]: MFUS-PO (Reverse routing address of the subject interchange)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 012345678 (Recipient of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS number)
	0083 Action, coded [M/an..3]: 7 (This level acknowledged, next lower level acknowledged if not explicitly rejected)
UCM+PO12435+ORDERS:D:97A+4'	**UCM MESSAGE RESPONSE**
	0062 Message reference number [M/an..14]: PO12435
	S009 Message identifier [M}
	0065 Message type [M/an..6]: ORDERS (Purchase Order)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 97A (Release 1997 - A)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
	0083 Action, coded [M/an..3]: 4 (This level and all lower levels rejected)
Example continued on next page	

UCS+5'	**UCS SEGMENT ERROR INDICATION**
	0096 Segment position in message [M/n..6]: 5 (Error detected in 5th segment in the message)
UCD+12+2:3'	**UCD DATA ELEMENT ERROR INDICATION**
	0085 Syntax error, coded [M/an..3]: 12 (Invalid value)
	S011 Data Element Identification [C}
	0098 Erroneous data element position in segment [M/n..3]: 2 (2nd element on the segment)
	0104 Erroneous component data element position [C/n..3]: 3 (2nd element is a composite element, and the error is in the 3rd subelement of the composite element)
UNT+6+000000001'	**UNT MESSAGE TRAILER**
	0074 Number of segments in a message [M/n..6]: 6 (6 segments in this message [UNH-UNT inclusive])
	0062 Message reference number [M/an..14]: 000000001 (Reference Number from UNH DE 0062 of this message)
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**
	0036 Interchange control count [M/n..6]: 1 (1 message in this interchange)
	0020 Interchange control reference [M/an..14]: 000007596

CONTRL EXAMPLE 6 – MULTIPLE MESSAGES IN SUBJECT INTERCHANGE, SOME ACKNOWLEDGED AND ACCEPTED, SOME REJECTED ; CONTRL SENDER IS SUBJECT INTERCHANGE RECIPIENT

This is a sample of an original CONTRL message where the subject interchange (interchange being syntactically acknowledged) contains several messages. Some messages in the subject interchange are acknowledged and accepted, and some messages are rejected. Details about errors are not reported. The sender of the CONTRL message is the recipient of the subject and the recipient of the CONTRL message is the sender of the subject interchange.

Example 5 Summary

UNB+UNOA:1+012345678+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
UNH+000000001+CONTRL :D:3:UN:EIVER1'	**UNH MESSAGE HEADER**
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
UCM+PO12435+ORDERS:D:97A+7'	**UCM MESSAGE RESPONSE**
UCM+PO12436+ORDERS:D:97A+4'	**UCM MESSAGE RESPONSE**
UCM+PO12437+ORDERS:D:97A+4'	**UCM MESSAGE RESPONSE**
UNT+6+000000001'	**UNT MESSAGE TRAILER**
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**

Example 5 Explanation

UNB+UNOA:1+012345678+987654321:1:MFUS-PO+970731:1908+000007596'	**UNB INTERCHANGE HEADER**
	S001 Syntax Identifier [M]
	0001 Syntax Identifier [M/an4]: UNOA (As defined in ISO 646 (with the exception of letters, lower case a to z).)
	0002 Syntax version number [M/n1]: 1
	S002 Interchange Sender [M]
	0004 Sender identification [M/an..35]: 012345678 (Sender of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 9 (DUNS Number with 4 digit suffix)
	S003 Interchange Recipient [M]
	0010 Recipient identification [M/an..35]: 987654321 (Recipient of the CONTRL message)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0014 Routing address [C/an..14]: MFUS-PO
	S004 Date/Time of Preparation [M]
	0017 Date of preparation [M/an6]: 970731 (July 31, 1997)
	0019 Time of preparation [M/n4]: 1908 (7:08 p.m.)
	0020 Interchange control reference [M/an..14]: 000007596
Example continued on next page	

UNH+000000001+CONTRL :D:3:UN:EIVER1’	**UNH MESSAGE HEADER**
	0062 Message reference number [M/an..14]: 000000001
	S009 Message identifier [M}
	0065 Message type [M/an..6]: CONTRL (Syntax and Service Report Message)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 3 (Release 3)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
UCI+4+987654321:1:MFUS-PO+012345678:1+7'	**UCI INTERCHANGE RESPONSE**
	0020 Interchange control reference [M/an..14]: 4 (Interchange control reference of the subject interchange)
	S002 Interchange Sender [M}
	0004 Sender identification [M/an..35]: 987654321 (Sender of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS Number)
	0008 Address for reverse routing [C/an..14]: MFUS-PO (Reverse routing address of the subject interchange)
	S003 Interchange Recipient [M}
	0010 Recipient identification [M/an..35]: 012345678 (Recipient of the subject interchange)
	0007 Identification code qualifier [C/an..4]: 1 (DUNS number)
	0083 Action, coded [M/an..3]: 7 (This level acknowledged, next lower level acknowledged if not explicitly rejected)
UCM+PO12435+ORDERS:D:97A+7'	**UCM MESSAGE RESPONSE**
	0062 Message reference number [M/an..14]: PO12435
	S009 Message identifier [M}
	0065 Message type [M/an..6]: ORDERS (Purchase Order)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 97A (Release 1997 - A)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
	0083 Action, coded [M/an..3]: 7 (This level acknowledged, next lower level acknowledged if not explicitly rejected)
Example continued on next page	

UCM+PO12436+ORDERS:D:97A+4'	**UCM MESSAGE RESPONSE**
	0062 Message reference number [M/an..14]: PO12436
	S009 Message identifier [M}
	0065 Message type [M/an..6]: ORDERS (Purchase Order)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 97A (Release 1997 - A)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
	0083 Action, coded [M/an..3]: 4 (This level and all lower levels rejected)
UCM+PO12437+ORDERS:D:97A+4'	**UCM MESSAGE RESPONSE**
	0062 Message reference number [M/an..14]: PO12437
	S009 Message identifier [M}
	0065 Message type [M/an..6]: ORDERS (Purchase Order)
	0052 Message version number [M/an..3]: D (Draft version/UN/EDIFACT Directory)
	0054 Message release number [M/an..3]: 97A (Release 1997 - A)
	0051 Controlling agency [M/an..2]: UN (for United Nations)
	0057 Association assigned code [C/an..6]: EIVER1 (for EIDX)
	0083 Action, coded [M/an..3]: 7 (This level acknowledged, next lower level acknowledged if not explicitly rejected)
UNT+6+000000001'	**UNT MESSAGE TRAILER**
	0074 Number of segments in a message [M/n..6]: 6 (6 segments in this message [UNH-UNT inclusive])
	0062 Message reference number [M/an..14]: 000000001 (Reference Number from UNH DE 0062 of this message)
UNZ+1+000007596'	**UNZ INTERCHANGE TRAILER**
	0036 Interchange control count [M/n..6]: 1 (1 message in this interchange)
	0020 Interchange control reference [M/an..14]: 000007596