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**Electronic data interchange for  
administration, commerce and  
transport (EDIFACT) — Application  
level syntax rules —**

**Part 10:  
Syntax service directories (Syntax  
version number: 4, Syntax release  
number: 3)**

*Échange de données informatisé pour l'administration, le commerce  
et le transport (EDIFACT) — Règles de syntaxe au niveau de  
l'application —*

*Partie 10: Annuaires de syntaxe (numéro de version de syntaxe: 4,  
numéro d'édition de syntaxe: 3)*





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# Contents

Page

|                                                                                       |           |
|---------------------------------------------------------------------------------------|-----------|
| <b>Foreword</b> .....                                                                 | <b>iv</b> |
| <b>Introduction</b> .....                                                             | <b>v</b>  |
| <b>1 Scope</b> .....                                                                  | <b>1</b>  |
| <b>2 Normative references</b> .....                                                   | <b>1</b>  |
| <b>3 Terms and definitions</b> .....                                                  | <b>2</b>  |
| <b>4 Conformance</b> .....                                                            | <b>2</b>  |
| <b>5 Syntax service directories</b> .....                                             | <b>2</b>  |
| 5.1 Service segment directory.....                                                    | 2         |
| 5.1.1 Service segment specification legend.....                                       | 2         |
| 5.1.2 Dependency note identifiers.....                                                | 3         |
| 5.1.3 Index of service segments by tag.....                                           | 3         |
| 5.1.4 Index of service segments by name.....                                          | 4         |
| 5.1.5 Service segment specifications.....                                             | 6         |
| 5.2 Service composite data element directory.....                                     | 27        |
| 5.2.1 Service composite data element specification legend.....                        | 27        |
| 5.2.2 Dependency note identifiers.....                                                | 27        |
| 5.2.3 Index of service composite data elements by tag.....                            | 28        |
| 5.2.4 Index of service composite data elements by name.....                           | 29        |
| 5.2.5 Service composite data element specifications.....                              | 30        |
| 5.3 Service simple data element directory.....                                        | 37        |
| 5.3.1 General.....                                                                    | 37        |
| 5.3.2 Service simple data element specification legend.....                           | 37        |
| 5.3.3 Index of service simple data elements by tag.....                               | 38        |
| 5.3.4 Index of service simple data elements by name.....                              | 41        |
| 5.3.5 Service simple data element specifications.....                                 | 44        |
| <b>6 Syntax service code list directory</b> .....                                     | <b>61</b> |
| <b>Annex A (informative) Overview of the syntax service code list directory</b> ..... | <b>62</b> |
| <b>Bibliography</b> .....                                                             | <b>73</b> |

## 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](http://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](http://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 of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 154, *Processes, data elements and documents in commerce, industry and administration*, in collaboration with UN/ED (Joint syntax working group).

This third edition cancels and replaces the second edition (ISO 9735-10:2014), which has been technically revised.

The main changes are as follows:

- [Annex A](#) no longer lists all codes but refers to an external source.

A list of all parts in the ISO 9735 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## Introduction

This document 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 document 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 document.



# Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules —

## Part 10:

## Syntax service directories (Syntax version number: 4, Syntax release number: 3)

### 1 Scope

This document specifies the syntax service directories of all parts in the ISO 9735 series.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. 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.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

### 4 Conformance

Whereas this document 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 appears 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 document:

- 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 to identify 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 document.

Devices supporting this document are in conformance when they can create and/or interpret the data structured and represented in conformance with this document.

Conformance to this document 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 document, 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".<br><br>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<br>Name of a STAND-ALONE DATA ELEMENT in capital letters<br>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: <table> <tr> <td>a</td><td>alphabetic characters</td></tr> <tr> <td>n</td><td>numeric characters</td></tr> <tr> <td>an</td><td>alphanumeric characters</td></tr> <tr> <td>a3</td><td>3 alphabetic characters, fixed length</td></tr> <tr> <td>n3</td><td>3 numeric characters, fixed length</td></tr> <tr> <td>an3</td><td>3 alphanumeric characters, fixed length</td></tr> <tr> <td>a..3</td><td>up to 3 alphabetic characters</td></tr> <tr> <td>n..3</td><td>up to 3 numeric characters</td></tr> <tr> <td>an..3</td><td>up to 3 alphanumeric characters</td></tr> </table> | 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 |
| 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 document):

|                 |                               |
|-----------------|-------------------------------|
| 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                 |
| 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 document):

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| 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                                   |

| <b>Tag</b> | <b>Name</b>                          |
|------------|--------------------------------------|
| 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                 |
| 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 document):

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| 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                                   |

Details of the service segments are specified in [Table 1](#) to [Table 34](#).

**Table 1 — Details of UCD DATA ELEMENT ERROR INDICATION segment**

| UCD DATA ELEMENT ERROR INDICATION segment                                                                                     |      |                                            |   |   |       |               |
|-------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------|---|---|-------|---------------|
| 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/Remarks |
| 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  |               |

**Table 2 — Details of UCF GROUP RESPONSE segment**

| UCF GROUP RESPONSE segment                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                   |   |   |        |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|---|---|--------|---------------|
| 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/Remarks |
| 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  |               |
| 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 REMARKS:                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                   |   |   |        |               |
| 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.                                                                                                                                                                                                                                                                                                                                                                                |      |                                   |   |   |        |               |

Table 2 (continued)

| UCF GROUP RESPONSE segment                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                            |   |   |        |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------|---|---|--------|---------------|
| 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/Remarks |
| 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 REMARKS:                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |                                            |   |   |        |               |
| 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.                                                                                                                                                                                                                                                                                                                                                                                |      |                                            |   |   |        |               |

Table 3 — Details of UCI INTERCHANGE RESPONSE segment:

| UCI INTERCHANGE RESPONSE segment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                               |   |   |        |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------|---|---|--------|---------------|
| 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/Remarks |
| 010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0020 | INTERCHANGE CONTROL REFERENCE | M | 1 | an..14 |               |
| 020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S002 | INTERCHANGE SENDER            | M | 1 |        |               |
| 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 REMARKS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                               |   |   |        |               |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                               |   |   |        |               |

Table 3 (continued)

| UCI INTERCHANGE RESPONSE segment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                                                   |   |   |        |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|---|---|--------|---------------|
| 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/Remarks |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 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 REMARKS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                                   |   |   |        |               |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                                                   |   |   |        |               |

**Table 4 — Details of UCM MESSAGE/PACKAGE RESPONSE segment**

| UCM MESSAGE/PACKAGE RESPONSE segment                                                                                                                                                                                                                                                                                                                                                          |      |                                            |   |    |        |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------|---|----|--------|---------------|
| 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/Remarks |
| 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 REMARKS:                                                                                                                                                                                                                                                                                                                                                                                |      |                                            |   |    |        |               |
| 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.                                                                                                                                                                                                                                                                                                           |      |                                            |   |    |        |               |

**Table 5 — Details of UCS SEGMENT ERROR INDICATION segment**

| UCS SEGMENT ERROR INDICATION segment                                                                                                        |      |                                  |   |   |       |               |
|---------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------|---|---|-------|---------------|
| 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/Remarks |
| 010                                                                                                                                         | 0096 | SEGMENT POSITION IN MESSAGE BODY | M | 1 | n..6  |               |
| 020                                                                                                                                         | 0085 | SYNTAX ERROR, CODED              | C | 1 | an..3 | 1             |
| REMARKS:                                                                                                                                    |      |                                  |   |   |       |               |
| 1 0085, shall contain a value only if the error pertains to the segment identified by data element 0096.                                    |      |                                  |   |   |       |               |

**Table 6 — Details of UGH ANTI-COLLISION SEGMENT GROUP HEADER segment**

| UGH ANTI-COLLISION SEGMENT GROUP HEADER segment                                                                                                                                                       |      |                                             |   |   |       |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|---|---|-------|---------------|
| Function: To head, identify and specify an anti-collision segment group.                                                                                                                              |      |                                             |   |   |       |               |
| Pos                                                                                                                                                                                                   | TAG  | Name                                        | S | R | Repr. | Notes/Remarks |
| 010                                                                                                                                                                                                   | 0087 | ANTI-COLLISION SEGMENT GROUP IDENTIFICATION | M | 1 | an..4 | 1             |
| REMARKS:                                                                                                                                                                                              |      |                                             |   |   |       |               |
| 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. |      |                                             |   |   |       |               |

**Table 7 — Details of UGT ANTI-COLLISION SEGMENT GROUP TRAILER segment**

| UGT ANTI-COLLISION SEGMENT GROUP TRAILER segment                                                                                                                                                      |      |                                             |   |   |       |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|---|---|-------|---------------|
| Function: To end and check the completeness of an anti-collision segment group.                                                                                                                       |      |                                             |   |   |       |               |
| Pos                                                                                                                                                                                                   | TAG  | Name                                        | S | R | Repr. | Notes/Remarks |
| 010                                                                                                                                                                                                   | 0087 | ANTI-COLLISION SEGMENT GROUP IDENTIFICATION | M | 1 | an..4 | 1             |
| REMARKS:                                                                                                                                                                                              |      |                                             |   |   |       |               |
| 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. |      |                                             |   |   |       |               |

**Table 8 — Details of UIB INTERACTIVE INTERCHANGE HEADER segment**

| UIB INTERACTIVE INTERCHANGE HEADER segment                                                                                                                                                                                       |      |                       |   |   |       |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------|---|---|-------|---------------|
| Function: To head and identify an interchange.                                                                                                                                                                                   |      |                       |   |   |       |               |
| Pos                                                                                                                                                                                                                              | TAG  | Name                  | S | R | Repr. | Notes/Remarks |
| 010                                                                                                                                                                                                                              | S001 | SYNTAX IDENTIFIER     | M | 1 |       | 3             |
|                                                                                                                                                                                                                                  | 0001 | Syntax identifier     | M |   | a4    |               |
|                                                                                                                                                                                                                                  | 0002 | Syntax version number | M |   | an1   |               |
| DEPENDENCY NOTES:                                                                                                                                                                                                                |      |                       |   |   |       |               |
| 1 D5(030, 020) If first, then all.                                                                                                                                                                                               |      |                       |   |   |       |               |
| 2 D5(050, 020) If first, then all.                                                                                                                                                                                               |      |                       |   |   |       |               |
| OTHER REMARKS:                                                                                                                                                                                                                   |      |                       |   |   |       |               |
| 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. |      |                       |   |   |       |               |

Table 8 (continued)

| UIB INTERACTIVE INTERCHANGE HEADER segment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                                |   |   |        |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------|---|---|--------|---------------|
| Function: To head and identify an interchange.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                                |   |   |        |               |
| Pos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TAG  | Name                                           | S | R | Repr.  | Notes/Remarks |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 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  |               |
| <p>DEPENDENCY NOTES:</p> <p>1 D5(030, 020) If first, then all.</p> <p>2 D5(050, 020) If first, then all.</p> <p>OTHER REMARKS:</p> <p>3 S001/0002, shall be "4" to indicate this version of the syntax.</p> <p>4 S302/0304, when provided by the responder, shall be returned by the initiator throughout the dialogue.</p> <p>5 S002/0004, may be same as S302/0303 for initiator of transaction.</p> <p>6 0325, only used if the interchange is a duplicate transfer.</p> <p>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.</p> <p>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.</p> |      |                                                |   |   |        |               |

**Table 8** (continued)

| UIB INTERACTIVE INTERCHANGE HEADER segment                                                                                                                                                                                       |      |                                                   |   |   |        |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|---|---|--------|---------------|
| Function: To head and identify an interchange.                                                                                                                                                                                   |      |                                                   |   |   |        |               |
| Pos                                                                                                                                                                                                                              | TAG  | Name                                              | S | R | Repr.  | Notes/Remarks |
|                                                                                                                                                                                                                                  | 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 REMARKS:                                                                                                                                                                                                                   |      |                                                   |   |   |        |               |
| 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. |      |                                                   |   |   |        |               |

**Table 9 — Details of UIH INTERACTIVE MESSAGE HEADER segment**

| UIH INTERACTIVE MESSAGE HEADER segment                                                                                                                                             |      |                                          |   |   |        |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|---|---|--------|---------------|
| Function: To head, identify and specify a message.                                                                                                                                 |      |                                          |   |   |        |               |
| Pos                                                                                                                                                                                | TAG  | Name                                     | S | R | Repr.  | Notes/Remarks |
| 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 |               |
| REMARKS:                                                                                                                                                                           |      |                                          |   |   |        |               |
| 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.                                                                                                       |      |                                          |   |   |        |               |

Table 9 (continued)

| UIH INTERACTIVE MESSAGE HEADER segment                                                                                                                                             |      |                                    |   |   |        |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------|---|---|--------|---------------|
| Function: To head, identify and specify a message.                                                                                                                                 |      |                                    |   |   |        |               |
| Pos                                                                                                                                                                                | TAG  | Name                               | S | R | Repr.  | Notes/Remarks |
|                                                                                                                                                                                    | 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             |
| REMARKS:                                                                                                                                                                           |      |                                    |   |   |        |               |
| 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.                                                                                                       |      |                                    |   |   |        |               |

Table 10 — Details of UIR INTERACTIVE STATUS segment

| UIR INTERACTIVE STATUS segment                                                                                                                |      |                             |   |   |        |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------|---|---|--------|---------------|
| Function: To report the status of the dialogue.                                                                                               |      |                             |   |   |        |               |
| Pos                                                                                                                                           | TAG  | Name                        | S | R | Repr.  | Notes/Remarks |
| 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 |               |
| GENERAL REMARK:                                                                                                                               |      |                             |   |   |        |               |
| To avoid endless loops, the UIR segment is not used to respond to a UIR received with syntax errors.                                          |      |                             |   |   |        |               |
| 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 REMARKS:                                                                                                                                |      |                             |   |   |        |               |
| 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.              |      |                             |   |   |        |               |

Table 10 (continued)

| UIR INTERACTIVE STATUS segment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                                            |   |   |        |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------|---|---|--------|---------------|
| Function: To report the status of the dialogue.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                                            |   |   |        |               |
| Pos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TAG  | Name                                       | S | R | Repr.  | Notes/Remarks |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 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   |               |
| <p>GENERAL REMARK:</p> <p>To avoid endless loops, the UIR segment is not used to respond to a UIR received with syntax errors.</p> <p>DEPENDENCY NOTES:</p> <p>1 D1(050, 060) One and only one.</p> <p>2 D5(080, 070) If first, then all.</p> <p>3 D5(090, 070, 080) If first, then all.</p> <p>OTHER REMARKS:</p> <p>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.</p> <p>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.</p> |      |                                            |   |   |        |               |

Table 11 — Details of UIT INTERACTIVE MESSAGE TRAILER segment

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

**Table 12 — Details of UIZ INTERACTIVE INTERCHANGE TRAILER segment**

| UIZ INTERACTIVE INTERCHANGE TRAILER segment                                                                         |      |                                    |   |   |        |               |
|---------------------------------------------------------------------------------------------------------------------|------|------------------------------------|---|---|--------|---------------|
| Function: To end and check the completeness of an interchange.                                                      |      |                                    |   |   |        |               |
| Pos                                                                                                                 | TAG  | Name                               | S | R | Repr.  | Notes/Remarks |
| 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             |
| REMARKS:                                                                                                            |      |                                    |   |   |        |               |
| 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.                                                       |      |                                    |   |   |        |               |

**Table 13 — Details of UNB INTERCHANGE HEADER segment**

| UNB INTERCHANGE HEADER segment                                                                                                                                       |      |                                                   |   |   |        |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|---|---|--------|---------------|
| Function: To identify an interchange.                                                                                                                                |      |                                                   |   |   |        |               |
| Pos                                                                                                                                                                  | TAG  | Name                                              | S | R | Repr.  | Notes/Remarks |
| 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    |               |
| REMARKS:                                                                                                                                                             |      |                                                   |   |   |        |               |
| 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. |      |                                                   |   |   |        |               |

Table 13 (continued)

| UNB INTERCHANGE HEADER segment                                                                                                                                       |      |                                  |   |   |        |               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------|---|---|--------|---------------|
| Function: To identify an interchange.                                                                                                                                |      |                                  |   |   |        |               |
| Pos                                                                                                                                                                  | TAG  | Name                             | S | R | Repr.  | Notes/Remarks |
| 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     |               |
| REMARKS:                                                                                                                                                             |      |                                  |   |   |        |               |
| 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. |      |                                  |   |   |        |               |

Table 14 — Details of UNE GROUP TRAILER segment

| UNE GROUP TRAILER segment                                                                   |      |                        |   |   |        |               |
|---------------------------------------------------------------------------------------------|------|------------------------|---|---|--------|---------------|
| Function: To end and check the completeness of a group.                                     |      |                        |   |   |        |               |
| Pos                                                                                         | TAG  | Name                   | S | R | Repr.  | Notes/Remarks |
| 010                                                                                         | 0060 | GROUP CONTROL COUNT    | M | 1 | n..6   |               |
| 020                                                                                         | 0048 | GROUP REFERENCE NUMBER | M | 1 | an..14 | 1             |
| REMARKS:                                                                                    |      |                        |   |   |        |               |
| 1 0048, the value shall be identical to the value in 0048 in the corresponding UNG segment. |      |                        |   |   |        |               |

Table 15 — Details of UNG GROUP HEADER segment

| UNG GROUP HEADER segment                                                                                                                                                              |   |      |                                      |   |   |        |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|--------------------------------------|---|---|--------|---------------|
| 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/Remarks |
| 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  |               |
| DEPENDENCY NOTES:                                                                                                                                                                     |   |      |                                      |   |   |        |               |
| 1 D2(010, 060, 070) All or none.                                                                                                                                                      |   |      |                                      |   |   |        |               |
| OTHER REMARKS:                                                                                                                                                                        |   |      |                                      |   |   |        |               |
| 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. |   |      |                                      |   |   |        |               |

Table 15 (continued)

| UNG GROUP HEADER segment                                                                                                                                                              |        |                              |   |   |        |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|---|---|--------|---------------|
| 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/Remarks |
| 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 REMARKS:                                                                                                                                                                        |        |                              |   |   |        |               |
| 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. |        |                              |   |   |        |               |

Table 16 — Details of UNH MESSAGE HEADER segment

| UNH MESSAGE HEADER segment                                                                                                                                                                                                   |      |                                          |   |   |        |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|---|---|--------|---------------|
| Function: To head, identify and specify a message.                                                                                                                                                                           |      |                                          |   |   |        |               |
| Pos                                                                                                                                                                                                                          | TAG  | Name                                     | S | R | Repr.  | Notes/Remarks |
| 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 |        |               |
| REMARKS:                                                                                                                                                                                                                     |      |                                          |   |   |        |               |
| 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. |      |                                          |   |   |        |               |

Table 16 (continued)

| UNH MESSAGE HEADER segment                                                                                                                                                                                                   |      |                                                 |   |   |        |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------|---|---|--------|---------------|
| Function: To head, identify and specify a message.                                                                                                                                                                           |      |                                                 |   |   |        |               |
| Pos                                                                                                                                                                                                                          | TAG  | Name                                            | S | R | Repr.  | Notes/Remarks |
|                                                                                                                                                                                                                              | 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  |               |
| REMARKS:                                                                                                                                                                                                                     |      |                                                 |   |   |        |               |
| 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. |      |                                                 |   |   |        |               |

Table 17 — Details of UNO OBJECT HEADER segment

| UNO OBJECT HEADER segment                                                                     |      |                                      |   |    |         |               |
|-----------------------------------------------------------------------------------------------|------|--------------------------------------|---|----|---------|---------------|
| Function: To head, identify and specify an object.                                            |      |                                      |   |    |         |               |
| Pos                                                                                           | TAG  | Name                                 | S | R  | Repr.   | Notes/Remarks |
| 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 |               |
| REMARKS:                                                                                      |      |                                      |   |    |         |               |
| 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.                               |      |                                      |   |    |         |               |