

# INTRES EDCS Interchange Response Service Segments

## Introduction

Used outbound by HMRC via the Electronic Capture Data Service (EDCS).

## Notes

All responses from the EDCS will be preceded by the UNB service segment and followed by the UNZ service segment. These two segments act as an "electronic envelope" and enable the receiver to identify the start and end of a UN/EDIFACT interchange.

A response interchange cannot contain responses for messages sent in different interchanges (since the interchange is referenced in the response interchange header (UNB)).

It must not be assumed that the response to all the messages in an interchange are returned in a single interchange or that the response messages are in the same order as the messages in the incoming interchange.

If you need help on the UN/EDIFACT Standard please contact:

HM Revenue & Customs  
EDIFACT Helpdesk  
Information Management Solutions  
4th Floor, South East  
Alexander House  
21 Victoria Avenue  
Southend-on-Sea  
Essex SS99 1AA

Tel: 01702 367891

Fax: 01702 367103

Email: [edistandards@hmrc.gsi.gov.uk](mailto:edistandards@hmrc.gsi.gov.uk)

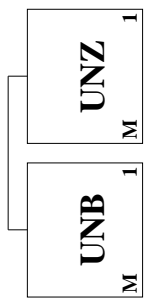
## Summary of status

M Mandatory as per UN/EDIFACT  
C Conditional  
O Optional  
R Required from HMRC  
NR Not required from HMRC.

## Details of changes implemented in this version

1. New UN/EDIFACT Standards contact added.
2. Minor typos.

<b>Pos. No</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Base Guide</b>	<b>User Status</b>	<b>Max. Use</b>	<b>Group Repeat</b>	<b>Notes and Comments</b>
010	UNB	Interchange Header	M	M	1		
040	UNZ	Interchange Trailer	M	M	1		



LEVEL

0

1

2

3

4

5

6

7

8

**Segment: UNB Interchange Header**

Position: 010

Group:

Level: 0

Usage: Mandatory

Max Use: 1

Purpose: To start, identify and specify an interchange.

Notes: eg

**UNB+UNOA:2+EDRCHIEF+CUK98000DAT::CUK000DAT+050731:1017+1+23+CH  
IEFLIVE++++0'**

## Data element summary

Data Element	Component Name	Base Attributes	User Attributes
<b>S001</b>	<b>SYNTAX IDENTIFIER</b>	<b>M</b>	<b>M</b>
	Identification of the agency controlling the syntax and indication of syntax level.		
<b>0001</b>	<b>Syntax identifier</b>	<b>M an4</b>	<b>M</b>
	Coded identification of the agency controlling a syntax and syntax level used in an interchange.		
	<b>As supplied by the incoming message.</b>		
	UNOA UN/ECE level A		
	UNOB UN/ECE level B		
<b>0002</b>	<b>Syntax version number</b>	<b>M n1</b>	<b>M</b>
	Version number of the syntax identified in the syntax identifier (0001).		
	2		
<b>S002</b>	<b>INTERCHANGE SENDER</b>	<b>M</b>	<b>M</b>
	Identification of the sender of the interchange.		
<b>0004</b>	<b>Sender identification</b>	<b>M an..35</b>	<b>M an..6</b>
	Name or coded representation of the sender of a data interchange.		
	<b>'EDRCHIEF' (NB this will be 'CHIEF' for NES unsolicited reports).</b>		

<b>S003</b>	<b>INTERCHANGE RECIPIENT</b>	<b>M</b>	<b>M</b>
	Identification of the recipient of the interchange.		
<b>0010</b>	<b>Recipient identification</b>	<b>M an..35</b>	<b>M an..12</b>
	Name or coded representation of the recipient of a data interchange.		
	<b>Trader ROLE, as supplied in the incoming message. Non EDIFACT characters replaced by "!".</b>		
<b>0007</b>	<b>Partner identification code qualifier</b>	<b>C id..4</b>	<b>NR</b>
	Qualifier referring to the source of codes for the identifiers of interchanging partners.		
<b>0014</b>	<b>Routing address</b>	<b>C an..14</b>	<b>R an..12</b>
	Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.		
	<b>Trader LOCATION, as supplied in incoming message. Non EDIFACT characters replaced by "!".</b>		
<b>S004</b>	<b>DATE AND TIME OF PREPARATION</b>	<b>M</b>	<b>M</b>
	Date and time of preparation of the interchange.		
<b>0017</b>	<b>Date of preparation</b>	<b>M n6</b>	<b>M</b>
	Local date when an interchange or a functional group was prepared.		
	<b>Format will be YYMMDD.</b>		
<b>0019</b>	<b>Time of preparation</b>	<b>M n4</b>	<b>M</b>
	Local time of day when an interchange or a functional group was prepared.		
	<b>Format will be HHMM.</b>		
<b>0020</b>	<b>INTERCHANGE CONTROL REFERENCE</b>	<b>M an..14</b>	<b>M</b>
	Unique reference assigned by the sender to an interchange.		
	<b>A unique reference generated by EDCS. (NB Unsolicited reports for NES will have a value of "DTICHIEFEDI").</b>		

S005

**RECIPIENTS REFERENCE  
PASSWORD** C R

Reference or password as agreed between the communicating partners.

0022

**Recipient reference/password** O an..14 R

Unique reference assigned by the recipient to the data interchange or a password to the recipient's system or to a third party network as specified in the partners interchange agreement.

**INTERCHANGE CONTROL REFERENCE from the incoming message. Non EDIFACT characters replaced by "!". (NB Not supplied for NES unsolicited reports).**

0026

**APPLICATION REFERENCE** C an..14 R

Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.

**APPLICATION REFERENCE from the incoming interchange. A value of "UNKNOWN" will be returned for a missing or unexpected value (including a value received with non EDIFACT characters). (NB Not supplied for NES unsolicited reports).**

0029

**PROCESSING PRIORITY CODE** C an1 NR

Code determined by the sender requesting processing priority for the interchange.

0031

**ACKNOWLEDGEMENT REQUEST** C an1 NR

Code determined by the sender for acknowledgement of the interchange.

0032

**COMMUNICATIONS AGREEMENT  
ID** C an..35 NR

Identification by name or code of the type of agreement under which the interchange takes place.

0035

**TEST INDICATOR** C an1 R

Indication that the interchange is a test.

**As on incoming message unless invalid, in which case it will**

**not be present. (NB '1' will be used for NES unsolicited reports if the report is a "Training Specimen").**

**Segment: UNZ Interchange Trailer**

Position: 040

Group:

Level: 0

Usage: Mandatory

Max Use: 1

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

Notes: **eg UNS+1+23'**

## Data element summary

Data Element	Component Name	Base Attributes	User Attributes
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0036	INTERCHANGE CONTROL COUNT	M n..6	M
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Count either of the number of messages or, if used, of the number of functional groups in an interchange.

0020	INTERCHANGE CONTROL REFERENCE	M an..14	M
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Unique reference assigned by the sender to an interchange.

**Identical to DE0020 in relating UNB segment.**