

4.2 UNB - Interchange Header

4.2.1 Purpose

This segment is used to start, identify and specify an interchange.

4.2.2 Segment Rules

The segment is mandatory and must be present at the beginning of each interchange.

4.2.3 Relationships

None.

4.2.4 Segment Format

<i>Tag</i>	<i>Name</i>	<i>M/C</i>	<i>Format</i>	<i>Usage</i>	<i>Imposed Value</i>
S001	SYNTAX IDENTIFIER	M		R	
0001	Syntax identifier	M	a 4	R	
0002	Syntax version number	M	n 1	R	3
S002	INTERCHANGE SENDER	M		R	
0004	Sender identification	M	an..35	R	
0007	Partner identification code qualifier	C	an..4	X	
0008	Address for reverse routing	C	an..14	D	
S003	INTERCHANGE RECIPIENT	M		R	
0010	Recipient identification	M	an..35	R	
0007	Partner identification code qualifier	C	an..4	X	
0014	Routing address	C	an..14	D	
S004	DATE/TIME OF PREPARATION				
0017	Date of preparation	M	n 6		
0019	Time of preparation	M	n 4	R	
0020	Interchange control reference	M	an..14	R	
S005	RECIPIENTS REFERENCE	C		D	
	PASSWORD				
0022	Recipient's reference/password	M	an..14	D	
0025	Recipient's reference/password qualifier	C	an2	X	
0026	Application reference	C	an..14	D	
0029	Processing priority code	C	a 1	X	
0031	Acknowledgement request	C	n 1	D	
0032	Communications agreement id	C	an..35	X	
0035	Test indicator	C	n 1	D	

4.2.5 Data Element Rules

S001 - Syntax Identifier

0001 - Syntax identifier

This identifies the character set used in the interchange. The value should be one of:

- UNOB, this supports upper and lower case, but not the £ sign and accented characters;
- UNOC, this supports accented characters and the £ sign and the text can be in any European language except Greek (ISO 8859-1);

Recommended Values:

UNOC ISO 8859-1.

Considering the capability of some EDI translators UNOB can be used.

0002 - Syntax Version Number

Imposed Value:

3 latest version.

S002 - Interchange Sender

0004 - sender-identification

This identifies the sender if a third party network service is used this may have been allocated by the service provider, otherwise it can be the same value as the *organisation-id* in the NAD segment in group 2 for the *party-type* MS.

The following codes have been defined so far, for transmission between CNAs and Eurostat (See appendix one) :

Code Values:

Eurostat	EU-D4-SERV-STRANS
C.B.S. (Statistics Netherlands)	NL-CBS-H-TRANS
C.S.O Ireland	IE-CSO-TRANS
Puertos del Estado (Spanish NSA)	ES-INE-TRANS
DPNM (French NSA)	FR-DPNM-TRANS
STADIUM Test Server at Eurostat ¹	TEST
Statistisches Bundesamt	DE-SB-TRANS
UK Department Of Transport	UK-DOT-TRANS

The code list will be updated and maintained by Eurostat during the transitional period of the implementation of the Directive on maritime statistics.

0008 - Address for reverse routing

¹ This code is used only in the case of Message Recipient for test with Eurostat.

This is used if the sender's EDI administration system requires a response message (such as an acknowledgement) to be routed automatically to an internal mailbox address: it contains the address of the internal mailbox

S003 - Interchange Recipient

0010 - Recipient Identification

This identifies the recipient if a third party network service is used this may have been allocated by the service provider, otherwise it can be same value as the *organisation-id* in the NAD segment in group 2 for the *party-type* MR. The same code values as for the sender should be used.

0014 - Routing Address

This is used if the recipient's EDI administration system requires the message to be routed automatically to an internal mailbox address: it contains the address of the internal mailbox

S004 - Date/Time of preparation

0017 - Date

This is the date of preparation of the interchange the format is YYMMDD.

0019 - Time

This is the time of preparation of the interchange the format is HHMM

0020 - Interchange Control Reference

This is a unique reference which identifies the interchange this is often validated by third party service providers and internal EDI administration systems to detect a duplicate interchange therefore, the value should be unique over a (long) period of time.

0026 - Application Reference

This can contain an indication of the type of message(s) contained in the interchange if used, then value placed here should be GESMES.

0031 - Acknowledgement Request

This is used to request the recipient to send an acknowledgement message (such as CONTRL) and if this is required the value is 1, otherwise the data element is not used it must only be used if the recipient has agreed to send acknowledgement messages

0035 - Test Indicator

This is used to indicate that the messages contained in the interchange are for test purposes if the message(s) are for test purposes then the value is set to 1, otherwise the data element is not used.

4.2.6 Example

This example shows an interchange which comprises live messages and for which no acknowledgement is required

UNB+UNOC:3+SENDER123+RECIPIENT456+950825:1236+IREF006++GESMES++++1'