



Final

# **Message Implementation Guidelines - 756 - Response to ENO/INO**

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### Document Version Control

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1.0	17-7-2018	Hans van Roest	Initial English version
2.0	16-3-2023	Ruud Bruijn	Code list C4 updated

### Related Documents

Document (and link)	Relationship
7000020013.FD.Functional Design eCargo Receipt v2.1	All for ECS Shifted Inspections
7000170000.FD.ECS portal v1.0	All for ECS Shifted Inspections
7000020013.FD.ECSHUB.v1.007	All for ECS Shifted Inspections

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## 1 Preface

The message Response of Notification Export or Response of Notification Import is used to inform the sender of the Notification that the messages was not correct. The error codes are provided.

Additions to the previous version are marked in [purple](#) text.

## 2 Functional message

This chapter contains the functional description of the message.

Paragraph Hierarchy gives the functional structure of the message.

In capital letters the name of the corresponding segments is given. The relation between segments is clarified by the sequence and the aligning from the left.

For each segment the number of occurrences is (min /max) is given. In case of no occurrence limit the description is left out. A segment can be mandatory (M), optional (O) or conditional (C).

Paragraph Segments gives a short description of the contents and function of each segment and additional information on relationships.

Paragraph Segment/Elements consists of a full description of all data-elements of the segments.

By element the following information is described:

- The unique name of the element.
- An element can be mandatory (R), optional (O) or conditional (C).

The format of the element:

a	all letters of the alphabet are allowed; (a-z, A-Z)
n	all numbers are allowed; (0-9)
an	all alphanumeric characters are allowed; (a-z, A-Z, 0-9)
2	the fixed length the string should be
..8	the maximum length a string is allowed to be
n..11,2	Up to 11 positions before the separator and 2 positions after
n...11,..3	Up to 11 positions before the separator and up to three after
CC	decennium
YY	year
MM	month
DD	day
UU	hour (00-23)
MM	minutes
SS	seconds
IIIII	milliseconds

Condition: The conditions in regards to conditional given element.

Rule: Additional rules in regards to the use and/or completion of the element.

Code list: The reference to the (mandatory) to use code list to complete the element.

Note: Additional remarks to clarify the completion of the element.

### 2.1 Hierarchy

ENVELOPE	1..1, M
MESSAGE HEADER	1..1, M
REJECTION OF NOTIFICATION	1..1, M
ERROR DETAILS	1..99, D

## 2.2 Message segment

The segment "envelope" always occurs and just but one time. It contains the unique identifiers of the involved participants.

The "message header" always occurs and just but one time. It contains the unique identifiers of the ECS transaction or PGTS information.

The "Rejection of Notification" always occurs and just but one time. It determines the moment of the error and contains the identification of the Notification in error.

The "Error Details" always occurs minimal one and maximal 99 times per rejection. It contains the location and description of the error(s) in the involved notification.

## 2.3 Message declaration

### 2.3.1 Envelope

<i>Sender code</i>	<i>M</i>	<i>an3</i>
Unique identifier for the sender		
<i>Rule:</i> <i>Either ECB or ICB</i>		
 <i>Addressee code</i>	 <i>M</i>	 <i>an3</i>
Unique identifier for the recipient		
Code list:    C1    Cargonaut Participant Code		
<i>Rule:</i> For export related messages participant of ECSHUB, for import related messages, at least participant of PGTS		

### 2.3.2 Message Header

<i>Type message</i>	<i>M</i>	<i>n3</i>
Unique message identifier		
 <i>Version number message</i>	 <i>M</i>	 <i>n..2</i>
Message version		
 <i>Document number</i>	 <i>M</i>	 <i>n..15</i>
Unique number of the message		

### 2.3.3 Rejection of notification

<i>Date time transaction</i>	<i>M</i>	<i>n12</i>
Date and time of the message		

*Format:*       CCYYMMDDUUMMSS  
                   CC    decennium  
                   YY    year  
                   MM    month  
                   DD    day  
                   UU    hour (00-23)  
                   MM    Minutes

<i>Trader reference number</i>	<i>M</i>	<i>n11</i>
The unique reference number of the notification in error		

*Format:*       CCYYNNNNNNNN  
                   CC           decennium  
                   YY           year  
                   NNNNNNNN   reference number

## 2.3.4 Error details

<i>Segment Pointer</i> Pointer to the error segment in the notification	<i>M</i>	<i>an..3</i>
<i>Segment Occurrence</i> Number pointing to the error segment in the notification	<i>M</i>	<i>n..10</i>
<i>Error code</i> Error code describing the error in the notification	<i>M</i>	<i>n4</i>

Code list: C4

## 3 Edifact

### 3.1 Introduction

This chapter describes how the elements of the segments in the messages are mapped to the EDIFact structure.

The mappings are described in the sequence of the EDIFact segments in the below diagrams and schemes. The diagram details the following information:

- in grey the segment of the focus
- three letter code of the segment-tag
- indicator mandatory/optional/conditional
- number of occurrences of the segment (min/max)
- position of the segment in the overall structure of the message

In the scheme the details information on the mapping of the segments to elements:

The left side of the scheme lists the complete list of elements in the EDIFact segment. In the header we see the name of the segment, the segment identification or segment-tag and the position of the segment compared to the hierarchical previous segments.

e.g. BGM-NAD[CN] (LOC ) : the LOC segment is a part of the NAD segment with qualifier [CN] , which is a part of segment BGM.

The right side of the scheme lists the elements and the completion of these. For completion of the elements one of the following will be provided:

- A short description of the information that needs to fill the elements.
- A hyphen "-" indicates that the element remains empty.
- If the element needs to be completed with a constant value, the value is indicated between " ".

Important to notice is that this message structure contains three Edifact specific segments:

- UND – Interchange header
- UNH – Message header
- UNT – Message trailer

The first two segments act as a sort of envelope. The last one is a check-up, you have to declare the number of segments. A message broker will count the number of segments and check if it is similar to the number in the UNT segment.

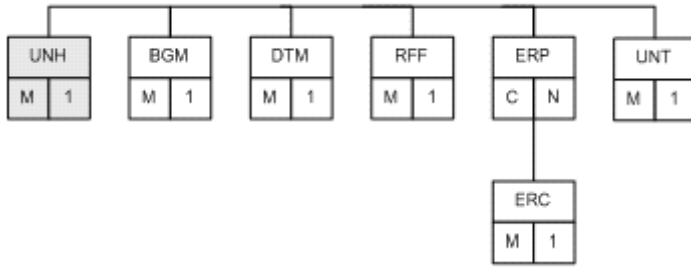


## 3.2 Segment mappings

### 3.2.1 UNB Interchange Header

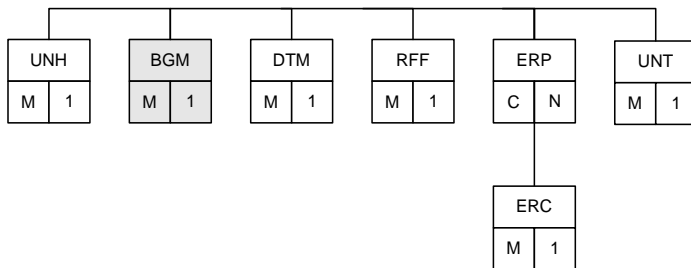
UNB	INTERCHANGE HEADER	M 1	ENVELOPE
S001	M	SYNTAX IDENTIFIER	
0001	a4	M Syntax identifier	"UNOC"
0002	n1	M Syntax version number	"3"
S002	M	INTERCHANGE SENDER	
0004	an..35	M Sender identification	Sender code (R, an3)
0007	an..4	C Partner identification code qualifier	-
0008	an..14	C Address for reverse routing	-
S003	M	INTERCHANGE RECIPIENT	
0010	an..35	M Recipient Identification	Addressee code (R, an3)
0007	an..4	C Partner identification code qualifier	-
0014	an..14	C Routing address	-
S004	M	DATE/TIME OF PREPARATION	
0017	n6	M Date	Interchange date (R, YYMMDD)
0019	n4	M Time	Interchange time (R, HHMM)
0020	an..14	M INTERCHANGE CONTROL REFERENCE	Unique reference interchange
S005	C	RECIPIENTS REFERENCE, PASSWORD	
0022	an..14	M Recipient's reference/ password	-
0025	an2	C Recipient's reference/ password qualifier	-
0026	an..14	C APPLICATION REFERENCE	-
0029	a1	C PROCESSING PRIORITY CODE	-
0031	n1	C ACKNOWLEDGEMENT REQUEST	-
0032	an..35	C COMMUNICATIONS AGREEMENT ID	-
0035	n1	C TEST INDICATOR	-

## 3.2.2 UNH Message Header



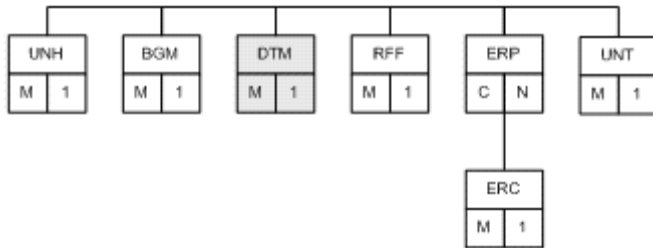
UNH	MESSAGE HEADER	M 1	
0062	an..14 M	MESSAGE REFERENCE NUMBER	Unique message reference
S009	M	MESSAGE IDENTIFIER	
0065	an..6 M	Message type	"756"
0052	an..3 M	Message version number	"1"
0054	an..3 C	Message release number	-
0051	an..2 C	Controlling agency	-
0057	an..6 C	Association assigned code	-
0068	an..35 C	COMMON ACCESS REFERENCE	-
S010	C	STATUS OF THE TRANSFER	
0070	n..2 M	Sequence of transfers	-
0073	a1 C	First and last transfer	-

## 3.2.3 BGM Beginning of Message



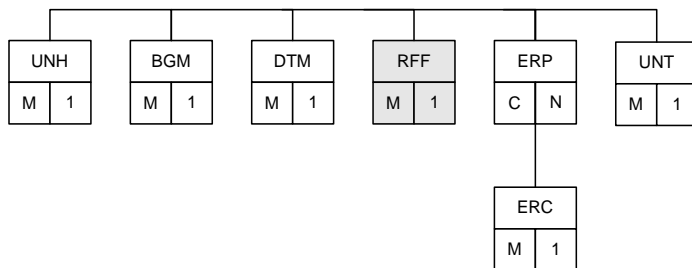
BGM	BEGINNING OF MESSAGE	M 1	MESSAGE HEADER
C002	DOCUMENT/MESSAGE NAME	C	
1001	Document name code	C	an..3 "294" Application error report
1131	Code list identification code	C	an..17 -
3055	Code list responsible agency code	C	an..3 -
1000	Document name	C	an..35 -
C106	DOCUMENT/MESSAGE IDENTIFICATION	C	
1004	Document identifier	C	an..35 Document number (R, n15)
1056	Version identifier	C	an..9 -
1060	Revision identifier	C	an..6 -
1225	MESSAGE FUNCTION CODE	C	an..3 -
4343	RESPONSE TYPE CODE	C	an..3 -

## 3.2.4 DTM Date/Time



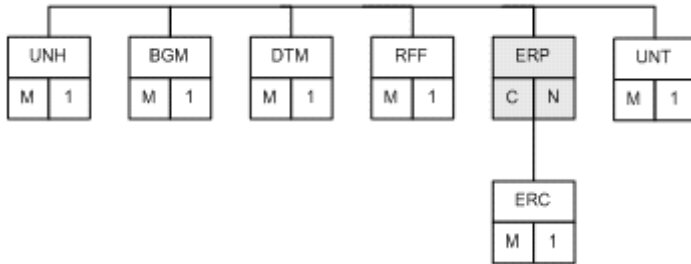
DTM	DATE/TIME	M 1	MESSAGE HEADER
C507	DATE/TIME/PERIOD	M	
2005	Date or time or period function code qualifier	M	an..3 "97" Transaction creation date
2380	Date or time or period value	C	an..35 Date time message (R, n12)
2379	Date or time or period format code	C	an..3 "203" (format ccyymmdduumm)

## 3.2.5 RFF Reference



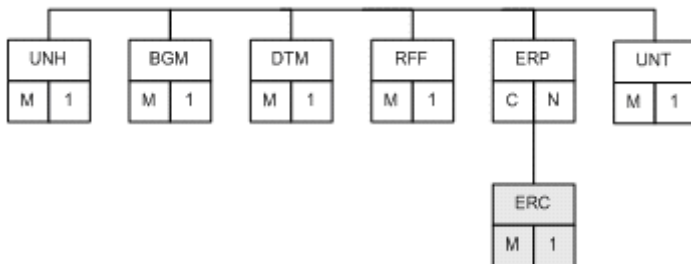
RFF	REFERENCE	M 1	MESSAGE HEADER
C506	REFERENCE	M	
1153	Reference code qualifier	M	an..3 "ACD" Additional reference number (R, a3)
1154	Reference identifier	M	an..70 Trader reference number (R, n11)
1156	Document line identifier	C	an..6 -
4000	Reference version identifier	C	an..35 -
1060	Revision identifier	C	an..6 -

## 3.2.6 ERP Error point details



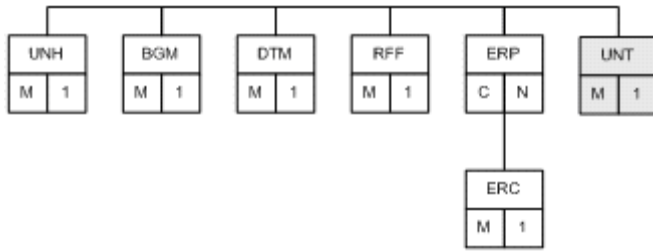
ERP	ERROR POINT DETAILS	M 1	REJECTION OF NOTIFICATION
C701	ERROR POINT DETAILS	C	
1049	Message section code	C	an..3 "2" Detail section of a message
1052	Message item identifier	C	an..35 -
1054	Message sub-item identifier	C	n..6 -
C853	ERROR SEGMENT POINT DETAILS	C	
9166	Segment tag identifier	C	an..3 Segment Pointer (R, an3)
1050	Sequence position identifier	C	an..10 Segment Occurrence (R, n..10)
1159	Sequence identifier source code	C	an..3 -
1060	Revision identifier	C	an..6 -

## 3.2.7 (ERP) ERC Error Code



(ERP) ERC	ERROR INFORMATION	M 1	ERROR DETAILS
C901	APPLICATION ERROR DETAIL	M	
9321	Application error code	M	an..8 Error code (R, n4)
1131	Code list identification code	C	an..3
3055	Code list responsible agency code	C	an..3

## 3.2.8 UNT Message Trailer



UNT	MESSAGE TRAILER	M 1
-----	-----------------	-----

0074	n..6	M	NUMBER OF SEGMENTS IN THE MESSAGE	The number of segments in the message including UNH and UNT
0062	an..14	M	MESSAGE REFERENCE NUMBER	The unique reference of this message needs to be similar to element 0062 in UNHH

## 4 Code tables

### 4.1 C1 Cargonaut participant code

This is a non-public file. The needed codes will be made available to the individual ECSSHUB users.

### 4.2 C4 Error codes

CODE	DESCRIPTION
1	Inventory Reporting Party no ECS Participant
2	Ship to Party no Participant
3	Inventory Reporting Party not active
4	Ship to Party not active
5	Inventory Reporting Party no freight forwarder
6	Ship to Party no ground handler
7	Goods Reference Type invalid
<del>8</del>	<del>NEU goods identification invalid</del>
9	Customs document type invalid
10	Customs declaration type invalid
16	Nr of pieces invalid, should not be 0
17	Weight <b>gross</b> invalid, should not be 0
18	MRN-number invalid, not according to algorithm
19	Date Time transaction later then message receive date
20	Not a valid timestamp
21	Goods reference number not available
22	Information Goods reference number incomplete
23	No subscription received
24	Weight <b>net</b> invalid, should not be 0
27	Quantity discrepancy should be empty, "156" or "250"
28	Gross weight discrepancy should be empty or "10"
29	Net weight discrepancy should be empty or "10"

## 5 Appendix

### 5.1 Edifact message specification

Available in: 756v1edi.pdf