



# **ERI Guide Part III**

## **Annex II**

**Message Implementation Guideline  
E-manifest version 1.0**

**ERIMAN**

**1 June 2006**



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Document:	<b><u>E-Konnossement /Manifest message implementation guide version 0.73</u></b>
Document description	<p>Manifest / Konnossement message</p> <p>A message from the party providing the transport/ forwarding services to the party that issued the instructions for those services and the involved governmental authorities charged with compliance controls, stating the actual details, terms and conditions of the service and of the consignment involved. In addition it can be used for the exchange of information with other authorised parties in the transport chain.</p>
Clarification	<p>The manifest should be regarded as an inventory of the cargo on board of the respective ship there are a number of functions of a manifest:</p> <ol style="list-style-type: none"> <li>1 Customs manifest, Rhine Manifest,</li> <li>2 General freight manifest,</li> <li>3 Special goods manifest.</li> </ol> <p>But also the indication that part of, or the whole cargo consists of waste and the indication of the necessary permits. The message that is to be used for the exchange of data for the various purposes is the CUSCAR in addition to the already used messages e.g. the ERINOT message</p>
Exceptions:	
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Date:	June-2006
Version:	0.74



# 1. Introduction

This document consists of two parts the first part is the guideline for the implementation of the UN/EDIFACT CUSCAR message for application in the inland river transport environment (ERIMAN).

The message can be used to convey information regarding the cargo carried on board to the various involved parties, these parties may be governmental (CUSTOMS) or parties involved in the provision of services to the carrier but also parties which are involved in the logistics and or supply chain management.

The second part of the document provides the way to exchange the information in a different format e.g. XML. It should be realised that the structure of such an XML message will need to follow the sequence as provided to ensure that all information is included.

Moreover it should also be realised that to exchange the manifest information between the various computer applications the strict usage of standards and codes is prerogative to ensure uninterrupted exchange without human intervention.



## 2. Inland shipping

### 2.1 E-Konnossement / manifest message implementation guide

This message implementation guide provides the information, structure, data and codes for the exchange of cargo related data in inland river transport between the vessel, its operator and or representative and the authorities charged with the task of controlling compliance with rules and regulations. It should be used for the implementation of electronic reporting towards Waterway Authorities, Police, Customs, Customs and other involved Competent Governmental agencies. **It should be realised that the terms Cargo inventory report, Cargo manifest and e-Konnossement are for these guidelines synonymous.**

1. The message specifications for the e-manifest (ERIMAN) are based on the CUSCAR message. This message permits the transfer of data from a carrier (barge operator or vessel involved in inland navigation) to a competent authority such as customs administration for the purpose of meeting cargo reporting requirements.
2. It is envisaged that the cargo inventory report message (manifest) may be initiated by the carrier to report single or multiple consignments to an administration. The message is transmitted as soon as the complete cargo data for the respective voyage is available.
3. Cargo notification: The cargo manifest notification ERIMAN is based on the EDIFACT message CUSCAR from the UN/EDIFACT D04A directory. Included are the recommendations made by the WCO for the message implementation guidelines. Furthermore the data requirements for the ICS Standard Manifest are taken into account.
4. The specification is based on the recommendations as have been given by the WCO (World Customs Organisation), The International Maritime Organisation, the rules and guidelines of the European Union Customs regarding NCTS, the various implementation guides of national customs administrations such as the Netherlands Customs and the recommendations of the UNECE regarding the use of EDI messages under UNCEFACT.
5. The electronic message can be used as an electronic version of the Rhine manifest (Mannheim Convention and the Protocol adapted by the Central Rhine Navigation Commission) mentioned as such in the Community legislation articles 91(2) and 163(2) CCC for Community transit documents

### 2.2 Introduction.

To ensure a common understanding of the information content of this message the various data elements are included hereafter together with the place in the message.

As the requirements of the various parties do differ as far as the information is concerned it is strongly recommended to ensure that all available information is given to the respective recipients of the message.



## 2.3 For Inland shipping

On an inland shipping manifest (konnossement) the following data are included between brackets are the segments for EDI use:

- 1 Name of the carrier ( Name of person who instructs to carry e.g. N.V. XXXX (NAD)
- 2 Name of the master (Signatory) ..... (NAD)
- 3 Place of Customs declaration (e.g. Basel) (LOC)
- 4 Customs Agent (YYYY) (NAD)
- 5 Name of Ship ..... (TDT)
- 6 Nationality of ship (Flag) (Nederlands) (TDT) (Country of the owner of the vessel)
- 7 Port of loading (Gent) (LOC)
- 8 Port of destination (Basel) (LOC)
- 9 Number and kind of packages (colli plaatstaal) (GID)
- 10 Condition of packages (Droog en in goede staat) (FTX)
- 11 Place of delivery (Basel) (LOC)
- 12 Handling instructions (Het materiaal moet absoluut beschermd worden tegen waterschade) (HAN)
- 13 Delivery Party (YYYY) (NAD)
- 14 Place of discharge (terminal) (Rheinkaihafen Kleinhueningen) (LOC)
- 15 Remarks on handling (Overslag op wagon) (FTX)
- 16 Number and total of Konnossement provided (1/7) (DOC)
- 17 Place and date of Issue (Gent ..... ) (LOC)
- 18 Remarks on arrival notification (48 uur op voorhand melden) (FTX)
- 19 Remarks on events during loading (FTX)
- 20 Order reference number ( Bestel nummer, License no, Verzend advies) (RFF)

Note: Above mentioned examples are based on an actual document for a single consignment.

## 2.4 Customs requirements

For customs purposes the following information / data elements are of importance:

1. 3335 Place of Loading Coded
2. 3334 Place of loading if no code
3. 3127 Carrier identification
4. 3128 Carrier name if no ID
5. 8260 Equipment identification number, if containerized
6. 8155 Equipment size type if containerized
7. 9308 Seal number if applicable
8. 8270 Identification of means of transport crossing the border
9. 9874 Nationality of means of transport crossing the border of Customs territory
10. 8028 Conveyance reference number
11. 4215 Transport Charges method of payment coded
12. 3097 Customs office of exit coded
13. 9800 Customs Status of Goods
14. 9860 First port of arrival
15. 9847 Country of Routing if known
16. 9838 Date and time of arrival in Customs territory
17. 9816 Unique consignment reference number
18. 1004 MRN Number for Transit Accompanying Document

Source: WCO Document PC0134E1 Advance Cargo Information Guidelines, NCTS Guidelines



## 2.5 Police requirements

For the transport of waste material across borders and to facilitate controls on followed procedures and rules the following information / data is required:

1. NAD Shipper or forwarder where applicable the registration number incl. Contact
2. NAD Consignee where applicable registration number incl. Contact
3. Notification number
4. Transport sequence number
5. NAD 1<sup>st</sup> Carrier including where applicable registration nr.
6. NAD 2<sup>nd</sup> Carrier including where applicable registration nr.
7. NAD Last Carrier including where applicable registration number
8. Responsible removal institution including registration and validation date
9. Code for the used technology for removal or recycling
10. 1<sup>st</sup> Means of transport identification
11. 2<sup>nd</sup> Means of transport identification
12. Last Means of transport identification
13. Name and chemical composition of the waste
14. Type (Physical appearance) (Powder, Solid, Paste, Liquid, Gas)
15. Waste Identification codes. (Exporting, Importing, International (WIC), European (EAC))
16. OESO classification (Red list, Orange list) and number
17. Amount (Weight in KG)
18. Number and kind of packages
19. UNDG code, UN Class, name of the goods
20. Handling instructions.
21. Date of actual transport

Data in accordance with the OESO control system, source document "overbrengings controle formulier"



## 2.6 Dangerous Goods

For the transport of dangerous and harmful substances the following data are also of importance

1. Chemical and technical name of the goods and where applicable the shipping name
2. Identification numbers, booking reference
3. The applicable rules (ADN/ADNR, ADR, RID, IMO)
4. UN Number
5. Marine pollutant indicator
6. Subsidiary risks
7. Ems number
8. Flashpoint
9. Shipper / Consignee
10. Place of loading
11. Date of loading
12. Place of delivery
13. Place of crossing border

Source IMO Compendium Fal Form 7

**Note:**

The cargo manifest notification (report) ERIMAN as contained in this implementation manual is based on the UN/EDIFACT message CUSCAR from the UN/EDIFACT D04A directory. Included are the multi modal data model of the G7 and the recommendations made by the WCO, the G7 recommendations Customs Cargo Report, the recommendations of the UN and IMO for the message implementation guidelines and the recommended codes and references. Furthermore the above mentioned data requirements of the police, customs, immigration and other controlling authorities have been taken into account.

In line with the G7 / WCO data model the Equipment group has been put in the CNI/RFF group 7 as an extra segment group to submit information regarding loaded and empty containers as part of the consignment, this group contains: "EQD,TSR, DIM, SEL NAD and LOC the use of this group of segments as part of the consignment has been extended to also cover the requirements of information regarding various tanks and other bulk cargoes

This group is followed by a TMP group TMP, RNG" This facilitates the control of temperatures and the link with the cargo items in the containers.

It should be realised that using and adhering to the WCO data model required some changes in the message of directory 04. It has been indicated that the CUSCAR will be changed in accordance with the WCO requirements. It is understood that not always clarity can be given about the nationality of the vessel. If any doubts exist it is recommended to use the country of the owner of the vessel..





## 3. Message Structure

### 3.1 Segment Table

The manifest notification message structure for E-Konnossement is as follows:

Tag Name	S	R	Usage in e-konnossement
UNH Message header	M	1	M 1
BGM Beginning of message	M	1	M 1
DTM Date / Time / Period	C	9	O 1
LOC Place/Location identification	C	9	O 2
QTY Quantity	C	9	O 5
----- Segment group 1 -----			
RFF Reference	M	1	M 1
----- Segment group 2 -----			
NAD Name and address	M	1	M 1
----- Segment group 3 -----			
CTA Contact information	M	1	M 1
COM Communication contact	C	9	O 3
FTX Free text	C	9	O 2
----- Segment group 4 -----			
TDT Details of transport	M	1	M 1
LOC Place/location identification	C	99	R 15
DTM Date/time/period	C	99	D 10
----- Segment group 7 -----			
CNI Consignment information	M	1	M 1
DOC Document/message details			D 9
----- Segment group 8 -----			
RFF Reference	M	1	M 1
MOA Monetary Amount	C	9	O 2
LOC Place/location identification	C	99	O 6
GEI Processing information	C	9	O 1
CPI Charge Payment Instructions	C	9	O 1
----- Segment group 9 -----			
TDT Details of transport	M	1	M 1
LOC Place/location identification	C	99	R 9
DTM Date/time period	C	9	O 5
----- Segment group 11 -----			
NAD Name and address	M	1	M 1
----- Segment group 12 -----			
CTA Contact information	M	1	M 1
COM Communication contact	C	9	O 3



----- Extra segment group 1-----				D-999		
EQD Equipment details	M	1	M 1			
TSR Transport service requirements	C	9	O 3			
DIM Dimensions	C	9	D 1			
SEL Seal number	C	9	D 5			
NAD Name and address	C	9	O 1			
LOC Place/location identification	C	1	D_1			
----- Extra segment group 2-----				O-9		
TMP Temperature	M	1	M 1			
RNG Range	C	9	0-5			
----- Segment group 14 -----				M 9999-M-9999		
GID Goods item details	M	1	M 1			
PAC Package	C	9	O 2			
HAN Handling instructions	C	9	O 3			
FTX Free text	C	99	D 5			
MEA Measurements	C	99	O 9			
SGP Split goods placement	C	9999	O 999			
DGS Dangerous goods	C	99	D 5			
PCI Package identification	C	9	O 1			
CST Customs status of goods	C	1	O 1			
LOC Place location identification	C	9	D-5			
GEI Processing information	C	9	O 1			
UNT Message trailer	M	1	M 1			





### 3.2 Segment description in accordance with the UN/EDIFACT standards

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	<b>UNA</b>	<b>0</b>	C		<b>Service String Advice</b>	
			M	an1	Component data element Separator	:
			M	an1	Segment Tag and Data element separator	+
			M	an1	Decimal Notation	.
			M	an1	Release indicator	?
			M	an1	Reserved future use	Space
			M	an1	Segment terminator	'
					<b>Advised string: UNA:+.? '</b>	6 characters
	<b>UNB</b>	<b>0</b>	M		<b>Interchange header</b>	
	S001		M		SYNTAX IDENTIFIER	
	0001		M	a4	Syntax identifier	"UNOC" Controlling agency
	0002		M	n1	Syntax version number	"2"
	S002		M		INTERCHANGE SENDER	
	0004		M	an..35 (an25)	Sender identification	Mailbox number or unique name
	0007			an..4	Partner identification code qualifier	n.a.
	0008			an..14	Address for reverse routing	n.a.
	S003		M		INTERCHANGE RECIPIENT	
	0010		M	an..35 (an25)	Recipient identification	Mailbox number or unique name
	0007		C	an..4	Partner identification code qualifier	n.a.
	0014		C	an..14	Routing address	n.a.
	S004		M		DATE / TIME OF PREPARATION	
	0017		M	n6	Date	Generation date, YYMMDD
	0019		M	n4	Time	Generation time, HHMM
	0020		M	an..14	Interchange reference identification.	First 14 positions of the message reference number.
	S005		C		RECIPIENTS	n.a



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
					REFERENCE, PASSWORD	
	0022			an..14	Recipient's reference / password	n.a.
	0025			an2	Recipient's reference, password qualifier	n.a.
	0026				an..14	Application reference
	0029				a1	Processing priority code
	0031		C	C	n1	Acknowledgement request
	0032				an..35	n.a.
	0035			C	n1	Test indicator "1" = The interchange relates to a test message



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	UNH	0	M		MESSAGE HEADER	Identification, specification and heading of a message
	0062		M	an..14	Message reference number	First 14 positions of the message number.
	S009		M		MESSAGE IDENTIFIER	Message identification
	0065		M	an..6	Message type	"CUSCAR", message type
	0052		M	an..3	Message version number	"D", message version number
	0054		M	an..3	Message release number	"04A", message release number
	0051		M	an..2	Controlling agency	"UN", controlling agency
	0057		M	an..6	Association assigned code	"ERI10", ERI version 1.0
	0110		C	an..6	Code list directory version number	n.a.
	0113		C	an..6	Message type sub/function identification	n.a.
	0068		C	an..35	Common access reference	The reference code to have a common denominator for all messages for the same voyage
	S010		C		Status of the transfer	Transfer status
	0070		C	n..2	Sequence of transfers	Number of the message related to the same topic
	0073		C	a1	First and last transfer	Indication used for the first and last message in the sequence
	S016		C			Message subset identification
	0115		C	an..14	Message subset identification	"ERIMAN"
	0116		C	an..3	Message subset version number	n.a.
	0118			an..3		n.a.
	0051			an..3		n.a.
	S017		C			Message implementation guideline identification n.a.
	0121			an..14	Message implementation guideline identification	n.a.
	0122			an..3	Guideline version	n.a.
	0124			an..3	Guideline release	n.a.
	0051			an..3	Controlling agency	n.a.
	S018		C			Scenario identification n.a.



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	0127			an..14		n.a.
	0128			an..3	Scenario version	n.a.
	0130			an..3	Scenario release	n.a.
	0051			an..3	Controlling agency	n.a.



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	<b>BGM</b>	<b>0</b>	M		<b>DOCUMENT / MESSAGE NAME</b>	
	C002		M		Document / message name code	
	1001		M	an..3	Document name code	<p>Message type:                      "711" Inland waterway BL                      "705" Bill of Lading                      "85" Customs manifest                      "87" General Cargo summary manifest report                      "785" Cargo Manifest (commercial)                      "950" Goods declaration for customs transit</p> <p>Usage notes:                      Preference for e-konnossement is the code "711"                      For a general cargo manifest code 87 is recommended.                      For the Rhine Manifest and as transit document code 85 can be used.                      The other codes can be used if official requirements make that necessary</p>
	1131			an..17	Code list identification code	n.a.
	3055			an..3	Code list responsible agency	n.a.
	1000		O	an..35	Document name	If 1001 is not clear here the full name of the document should be stated
	C106		M		<b>DOCUMENT / MESSAGE IDENTIFICATION</b>	
	1004		M	an..35	Document identifier	Usage notes: Message reference number. This number should be as unique as possible, both for sender and for receiver. If a message is received and then passed on to another receiver, the original message reference number should be used. The transitional system should in this case not generate another message reference number.
	1056			an..9	Version identifier	





Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	1060			an..6	Revision identifier	
	1225		M	an..3	Message function code	message function code, "9" New message "1" Cancellation
	4343		O	an..3	Response type code	"AB" Indicates that an acknowledgement relating to receipt of message is required
	<b>DTM</b>	<b>0</b>	O		<b>DATE / TIME / PERIOD</b>	<b>Date of message /document</b>
	C507		M		DATE / TIME / PERIOD	Date / time / period
	2005		M	an..3	Date or time or period function code qualifier	"95" Konnossement date "111" Manifest/ ship notice date "130" Current report date "137" Document message date time Usage note: Preference "111"
	2380		M	an..35	Date or time period value	For date CCYYMMDD For time and date: CCYYMMDDHHMM Period YYMMDD- YYMMDD
	2379		M	an..3	Date or time or period format code	date "102" time date "203" Period "717"



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	LOC	0	O		PLACE/LOCATION IDENTIFICATION	Location where report is made / Involved customs office
	3227		M	an..3	Place / location function qualifier	Place / location qualifier: "172" Port where report was made "44" Place of issue / Place of authentication "91" Place of document issue Usage note: Preferred from the ship "44"
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25 (an..5)	Place / location identification	UN/ECE Location code (Rec. 16), see Part 4, Section 5, No. 13
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		O	an..256 (an..35)	Place / location name	Free text for the name of the office/ place where the document has been made
	C519				RELATED LOCATION ONE IDENTIFICATION	n.a.
	3223			an..25	Related place / location one identification	
	1131			an..17	Code list qualifier	
	3055			an..3	Code list responsible agency	
	3222			an..70	Related place / location one name	
	C553					n.a.
	3233			an..25	Related place / location two identification	
	1131			an..17	Code list qualifier	
	3055			an..3	Code list responsible agency	
	3232			an..70	Related place / location two name	
	5479			an..3	Relation	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	<b>QTY</b>	<b>0</b>	O		<b>To specify a Quantity on board</b>	To indicate documents / persons
	C186		M		Quantity details	
	6063		M	an..3	Quantity type code qualifier	"115" nr of crew "116" nr of documents "90" as is quantity  115 means all persons on board 116 means e.g. nr of BL's that have been signed 90 is an indication of the total weight or volume
	6060		M	an..35	Quantity	State quantity amount
	6411			an..8		n.a.
<b>1)</b>	<b>RFF</b>	<b>0</b>	O		<b>Reference information</b>	
	C506		M		Reference	
	1153		M	an..3	Reference qualifier	"AAE" Goods declaration number "AAY" Carriers agent reference number "ATZ" Ship's Stay reference number "AAO" Consignee's shipment reference number "AOF" Receiver file reference "RF" Export reference number
	1154		M	an..70 (an..35)	Reference number	advice to use no more than 35 positions max
	1156			an..6	n.a.	
	4000			an..35	n.a.	
	1060			an..6	n.a.	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
2)	NAD	0	R		<b>NAME and ADDRESS</b>	
	3035		M	an..3	Party function code qualifier	<p>“CA” Carrier</p> <p>“CG” Carrier’s agent</p> <p>“CPE” Vessel master</p> <p>“MS” Message sender</p> <p>“MR” Message recipient</p> <p>Carrier’s agent or name of skipper are mandatory</p> <p>The code MS to be used if different from any of the other parties</p> <p>MR to be used when required</p> <p>CPE is the name of the captain</p>
	C082		D		PARTY IDENTIFICATION DATAILS	
	3039		M	an..35	Party identification	Usage note: Code if known by receiver, otherwise other fields C080, C059 and C819 should be used as well.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C058		X		<b>NAME AND ADDRESS</b>	
	3124		X	an..35	Name and address line	
	3124		X	an..35	Name and address line	
	3124		X	an..35	Name and address line	
	3124		X	an..35	Name and address line	
	3124		X	an..35	Name and address line	
	C080		O		<b>PARTY NAME</b>	
	3036		M	an..35	Party name	
	3036		O	an..35	Party name	
	3036		O	an..35	Party name	
	3036		O	an..35	Party name	
	3036		O	an..35	Party name	
	3045		X	an..3	Party name format, coded	n.a.



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	C059		O		STREET	
	3042		M	an..35	Street and number / p.o. box	
	3042		O	an..35	Street and number / p.o. box	
	3042		O	an..35	Street and number / p.o. box	
	3042		O	an..35	Street and number / p.o. box	
	3164		O	an..35	City name	
	C819				Country sub-entity identification	
	3229		O	an..9	postcode identification	
	1131			an..17	Country	
	3055			an..3	n.a.	
	3228		O	an..35	Country sub-entity name	
	3251		O	an..17	Postal identification code	
	3207		O	an..3	(an2) nationality, ISO3166 country code	ISO 3166-1 two alpha country code, see Part 4, Section 5, No.12
<b>3) NAD</b>	<b>CTA</b>	<b>1</b>	<b>O</b>	<b>NAD</b>	<b>Contact details</b>	
	3139		M	an..3	"IC" Information contact	
	C056		C		Department or employee details	
	3413			an..17	n.a.	
	3412		M	an..35	Contact person / department name	
<b>NAD</b>	<b>COM</b>	<b>1</b>	<b>O</b>	<b>NAD/CTA</b>	<b>Communication details</b>	Sender communication contact details (Max. 4 times)
	C076				Communication contact	
	3148		M	an..512	Communication number (no spaces or hyphens)	Communication number
	3155		M	an..3	Communication channel qualifier: "EM" Electronic mail "FX" Telefax	"TE" for telephone number "FX" for fax number "EM" for E-mail address "EI" for EDI mailbox number



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
					"TE" Telephone "EI" EDI transmission	
	<b>FTX</b>	<b>0</b>	O		<b>FREE TEXT</b>	
	4451		M	an..3	Text subject code qualifier	"AAI" General Information "AEA" Cargo Remarks such as: discharge time etc.
	4453		X	an..3	Free text function code	
	C107				TEXT REFERENCE	
	4441		X	an..17	Free text identification	
	1131		X	an..17	Code list qualifier	
	3055		X	an..3	Code list responsible agency	
	C108		C		TEXT LITERAL	
	4440		M	an..512	Free text	
	4440		O	an..512	Free text	
	4440		O	an..512	Free text	
	4440		O	an..512	Free text	
	4440		O	an..512	Free text	
	3453			an..3	Language, coded	
	4447			an..3	Text formatting, coded	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
					Free text	
	TDT	0	R		<b>DETAILS OF TRANSPORT</b>	Specification of the means of transport, the <b>naming vessel within a convoy</b> (a single vessel without barge is also a convoy in this context)
	8051		M	an..3	Transport stage code qualifier	"20" for main carriage transport
	8028		M	an..17	Conveyance reference number	Voyage number, defined by sender of the message.
	C220		M		MODE OF TRANSPORT	
	8067		M	an..3	Mode of transport, coded	"8" for Inland water transport", "1" for maritime transport (see UN/ECE Rec. 19) See part IV
	8066			an..17	Mode of transport	n.a.
	C228		M		TRANSPORT MEANS	
	8179		M	an..8 (an4)	Type of means of transport identification, <b>convoy type</b>	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Part IV, Section 5, Section 5 No. 1
	8178			an..17	Type of means of transport	n.a.
	C040				CARRIER	n.a.
	3127		D	an..17	Carrier identification	n.a.
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3128		D	an..35	Carrier name	n.a.
	8101			an..3	Transit direction, coded	n.a.
	C401				EXCESS TRANSPORTATION INFORMATION	
	8457			an..3	Excess transportation reason	n.a.
	8459			an..3	Excess transportation responsibility	n.a.
	7130			an..17	Customer authorization number	n.a.
	C222		M		TRANSPORT IDENTIFICATION	
	8213		M	an..9 (an7..8)	ID. of means of transport identification	Vessel <b>number</b> : 7 digits for OFS or IMO indication, 8 digits for ERN



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
						indication and unique European vessel identification number
	1131		D	an..3	Code list qualifier	<p>“OFS” for a Official Ship Number of CCNR system, see Part IV, Section 5, Section 5, No. 2</p> <p>“IMO” for an IMO-number, see Part IV, Section 5, No. 3</p> <p>“ERN” for all other ships ( Electronic Reporting International Number), see Part IV, Section 5, , No. 4</p> <p>“ENI” for a unique European vessel identification number, see Part IV, Section 5, , no 5</p>
	3055			an..3	Code list responsible agency	n.a.
	8212		M	an..35	Id. Of the means of transport	<b>Name of the ship;</b> If the name results in more than 35 positions, the name of the vessel is shortened
	8453		M	an..3 (an2)	Nationality of means of transport (owner)	ISO two-alpha country code 3166-1, see Part IV, Section 5, No. 12
	8281			an..3	Transport ownership	n.a.





Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
TDT	LOC	1	R	TDT	PLACE/LOCATION IDENTIFICATION	Place of departure and destination must be given
	3227		M	an..3	Place / location qualifier	"5" Place of departure "8" Place of destination "61" Next port of call "125" Last port of call "153" Port of call " 65" Final Port or place of discharge "118" Customs office of departure " 89" Place of registration of vessel " 135" Place of entry customs territory "9" Place/ port of loading "76" Original Port of loading "11" Place port of discharge "17" Border crossing place "49" Country of Transit Usage note: Use 76 as an indication of the port where the loading started Use 49 to indicate the country of routing
	C517		M		LOCATION IDENTIFICATION	
	3225		A	an..25	Place / location identification	UN/ECE Location code (Rec. 16), see Part IV, Section 5, No. 13
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		D	an..256	Place / location	Full name of the port location
	C519		A		RELATED LOCATION ONE IDENTIFICATION	
	3223		O	an..25	Related place / location one identification	Terminal code, see Part IV, Section 5, No. 15
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	Full name of the terminal.
	C553		O		RELATED LOCATION TWO IDENTIFICATION	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	3233		O	an..25	Related place / location two identification	Fairway section code, see Part IV, Section 5, No. 14
	1131			an..17	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		O	an..70	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
<b>TDT</b>	<b>DTM</b>	<b>1</b>	<b>O</b>	<b>TDT</b>	<b>DATE / TIME / PERIOD</b>	<b>Estimated time of arrival / departure</b>
	C507		M		DATE / TIME / PERIOD	
	2005		M	an..3	Date or time or period function code qualifier	<p>“132” arrival                      “133” departure                      “96” discharge date time                      “150” customs declaration date                      “191” delivery date time estimate                      “268” transit time                      “475” Start Date Time                      “413” Discharge loading completed                      “291” Start date time planned                      “1” Service completion date time actual</p> <p>Usage notes:                      132 is the ETA                      Use 475 to indicate the actual time the loading started and 413 Loading / Discharge completed                      291 to be used for the reporting date for commencement of discharge                      1 Discharge dead line</p>
	2380		M	an..35	Date or time period value	Reporting day in text Time: CCYMMDDHHMM For date CCYMMDD Period YYMMDD- YYMMDD
	2379		M	an..3	Date or time or period format code	Date Time “203” Date “102” Period “717”



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	CNI	0	M		<b>Consignment specification</b>	
	1490		M	n..4	sequence number of the consignment	Usage notes: this is the sequence nr of the consignment this number can be generated automatically
	C503				Document details	
	1004			an..35	Document identifier	UCR or BL document number
	1373			an..3	Document status code.	n.a.
	1366			an..70	Document source	Also used for date of the document
	3453			an..3	Document language	de=German language (ISO 639) See part IV ISO 639
	1056			an..9	n.a.	
	1060			an..6	n.a.	
	1312			n..4	n.a.	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
CNI	DOC	1	O	CNI	Document details	
	C002		M		Document / message name	
	1001		M	an..3	Document type	"916" Related document "978" Trans-frontier Waste shipment Authorisation "979" Trans-frontier Waste shipment movement Usage notes:The code 979 means waste is on board to be used as waste indicator
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	1000			an..35	Document name	e.g. waste management letter or notification letter (begleitschein) Record of proper waste management (Entsorgungsnachweis)
	C503				Document / message details	
	1004		M	an..35	Document identifier	Document ID, Number of licence for waste, number of "begleitschein" / entsorgungsnachweis
	1373			an..3	Document type	to be used only for waste 10 document is currently valid
	1366			an..70	Document source description	The editor / authorising office of the licences
	3453			an..3	n.a.	
	1056			an..9	n.a.	
	1060			an..6	n.a.	
	3153			an..3	n.a.	
	1220			n..2	n.a.	
	1218			n..2	n.a.	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
<b>CNI</b>	<b>RFF</b>	<b>1</b>	M	<b>CNI</b>	<b>REFERENCE</b>	<b>Reference information</b>
	C506		M		REFERENCE	
	1153		M	an..3	Reference qualifier	“BM” Bill of lading number (Konnossement nr) “BN” Booking reference If no BL number is available the Booking reference can be used
	1154		M	an..70	Reference number	BL resp Booking reference number
	1156			an..6	Line number	
	4000			an..35	Reference version number	
	1060			an..6	Revision number	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	<b>MOA</b>		O	<b>CNI/RFF</b>	<b>Monetary amount</b>	<b>Monetary amount</b>
	C516		M		Monetary amount	
	5025		M	an..3	Monetary amount type code qualifier	Monetary amount type code qualifier "4" agreed charge "64" freight charge amount "40" Customs value
	5004		O	n..35	Monetary amount	default € (EURO)
	6345		D	an..3	Currency identification code	For other currencies agreements need to be made see also part IV country and currency codes
	6343			an..3	n.a.	
	4405			an..3	n.a.	
<b>CNI/RFF</b>	<b>LOC</b>	<b>2</b>	O	<b>CNI/RFF</b>	<b>PLACE/LOCATION IDENTIFICATION</b>	<b>Related Locations to the consignment</b>
	3227		M	an..3	Place / location qualifier	"9" Place of loading "11" Place of discharge "20" Place of ultimate destination of goods "76" Original port of shipment "91" Place of issue of the document "122" Customs office of destination
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25	Place / location identification	UN/ECE Location code (Rec. 16), see Part IV, Section 5, No. 13
	1131			an..17	Code list identification	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		O	an..256	Place / location	Full name of the port location
	C519		O		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25	Related place / location one identification	Terminal code, see Part IV, Section 5, No. 15
	1131			an..17	Code list identification	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222		O	an..70	Related place / location one	Full name of the terminal.
	C553		O		RELATED LOCATION TWO	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
					IDENTIFICATION	
	3233		O	an..25	Related place / location two identification	Fairway section code, see Part IV, Section 5, No. 14
	1131			an..17	Code list identification	
	3055			an..3	Code list responsible agency	n.a.
	3232			an..70	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.
	<b>GEI</b>		O		Processing information per consignment	used for update of customs and waste data
	9649		M	an..3	Processing information code qualifier	"CSG" Customs status of goods "WAS" Waste status Usage notes: These codes are proprietary for customs and waste control
	C012		M		Processing indicator	
	7365		M	an..3	Processor indicator description code	'T' Third Country goods 'C' Communal Goods 'F' Good from non-fiscal area 'X' Goods decl. for export in a member state 'D' Disposal 'U' Utilisation Usage notes: codes D and U to be used for waste consignments
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	7364		O	an..35	Processing indicator description.	Waste description text
	7187		O	an..17	Process type description code	OECD waste code European waste code
	<b>CPI</b>		O	<b>CNI/ RFF</b>	<b>Charge Payment Instructions for this consignment</b>	<b>Charge Payment Instructions for this consignment</b>



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	C229		O		Charge Category	
	5237		O	an..3	Charge Category code	1=all charges 4=basic freight 14=transport costs
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	C231		O		Method of payment	
	4215		O	an..3	Transport Charges payment method	"CC" = Collect "A" =Account
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	4237		X	an..3	n.a.	





Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	TDT		O	CNI/RFF	DETAILS OF TRANSPORT	Specification of the original means of transport (Pre carrier / on carrier)
	8051		M	an..3	Transport stage code qualifier	"10" pre carriage "30" on carriage "1" inland transport "24" Inland waterway transport "20" MainCarriage Usage notes: If code 10 is used the vessel name and code is the name and code of the pre-carrier of the consignment. (e.g. the sea going vessel)
	8028		O	an..17	Conveyance reference number	
	C220		O		MODE OF TRANSPORT	
	8067		O	an..3	Mode of transport, coded	"1" Maritime Transport "2" Rail "3" Road transport "6" Multi modal "8" Inland Water Usage notes : Use UN recommendation 19 (n1) See part IV
	8066		X	an..17	Mode of transport	n.a.
	C228		O		TRANSPORT MEANS	
	8179		O	an..8	Type of means of transport, <b>convoy type</b>	UN/CEFACT Rec. 28, see Part IV, Section 5, No. 1
	8178			an..17	Type of means of transport	n.a.
	C040				CARRIER	
	3127		O	an..17	Carrier identification	Code for ship and convoy types of means of transport from UN/CEFACT Rec. 28, see Part IV, Section 5, Section 5 No. 1
	1131			an..17	Code list identification	n.a.
	3055			an..3	Code list responsible agency	
	3128		D	an..35	Carrier name	If no carrier the agent must be stated.



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	8101		X	an..3	Transit direction, coded	
	C401				EXCESS TRANSPORTATION INFORMATION	
	8457		X	an..3	Excess transportation reason	n.a.
	8459		X	an..3	Excess transportation responsibility	n.a.
	7130		X	an..17	Customer authorization number	n.a.
	C222		O		TRANSPORT IDENTIFICATION	
	8213		O	an..9	ID. of means of transport identification	Vessel <b>number</b> : 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European vessel identification number
	1131		O	an..17	Code list identification	<p>“OFS” for a Official Ship Number of CCNR system, see Part IV, Section 5, Section 5, No. 2</p> <p>“IMO” for an IMO-number, see Part IV, Section 5, No. 3</p> <p>“ERN” ( Electronic Reporting International Number), see Part IV, Section 5, , No. 4</p> <p>“ENI” for a unique European vessel identification number, see Part IV, Section 5, , no 5</p> <p>Usage notes: After april 2007 most inland waterway vessels will be allocated such a unique number</p>
	3055			an..3	Code list responsible agency	n.a.
	8212		O	an..35	Id. Of the means of transport	<b>Name of the ship</b> ; If the name results in more than 35 positions, the name of the vessel is shortened
	8453		O	an..3	Nationality of means of transport	ISO two-alpha country code 3166-1, see Part IV, Section 5, No. 12
	8281			an..3	Transport ownership	n.a.



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	LOC		O		PLACE/LOCATION IDENTIFICATION	Place of original shipment of the goods <b>Specific for this consignment</b>
	3227		M	an..3	Place / location qualifier	Place / location qualifier: "20" Place of ultimate destination of goods "76" Original port of shipment "9" Place of loading "11" Place of discharge "111" Customs office of despatch "122" Customs office of destination Usage note: For 111 and 122 The customs office can be indicated through data element 3224
	C517		M		LOCATION IDENTIFICATION	
	3225		M	an..25	Place / location identification	UN/ECE Location code (Rec. 16), see Part IV, Section 5, No. 13
	1131		O	an..17	Code list identification	ERI
	3055			an..3	Code list responsible agency	n.a.
	3224		O	an..256	Place / location	Full name of the port location
	C519		O		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25	Related place / location one identification	Terminal code, see Part IV, Section 5, No. 15
	1131		O	an..17	Code list identification	ERI
	3055			an..3	Code list responsible agency	n.a.
	3222		O	an..70	Related place / location one	Full name of the terminal.
	C553		O		RELATED LOCATION TWO IDENTIFICATION	
	3233		D	an..25	Related place / location two identification	Fairway section code, see Part IV, Section 5, No. 14
	1131		O	an..17	Code list identification	ERI



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	3055			an..3	Code list responsible agency	n.a.
	3232		D	an..70	Related place / location two	Fairway section hectometre
	5479		X	an..3	Relation	n.a.
	<b>DTM</b>		O	<b>TDT</b>	<b>DATE / TIME / PERIOD</b>	<b>Estimated time of arrival / departure of the consignment</b>
	C507		M		DATE / TIME / PERIOD	
	2005		M	an..3	Date or time or period function code qualifier	<p>"132" arrival                      "133" departure                      "96" discharge date time                      "150" customs declaration date                      "191" delivery date time estimate                      "268" transit time                      "475" Start Date Time                      "413" Discharge loading completed                      "291" Start date time planned                      "1" Service completion date time actual                      "48" Duration</p> <p>Usage notes: 132 is the ETA of the consignment                      Use 475 to indicate the actual time the loading started and 413 Loading / Discharge completed                      291 to be used for the reporting date for commencement of discharge                      1 Discharge dead line                      48 is the maximum duration of discharge</p>
	2380		M	an..35	Date or time period value	Reporting day in text Time: CCYMMDDHHMM For date CCYMMDD Period YYMMDD- YYMMDD
	2379		M	an..3	Date or time or period format code	Time "203" Date "102" Period "717"



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	NAD		O	CNI/RFF	NAME and ADDRESS	Name and address related to the consignment
	3035		M	an..3	Party function code qualifier	Name type: "NI" Notify party "FW" Freight forwarder
	C082		D		PARTY IDENTIFICATION DATAILS	Code if known at receiver end, otherwise other fields as well
	3039		M	an..35	Party identification	
	1131		X	an..17	Code list qualifier	
	3055		X	an..3	Code list responsible agency	
	C058				NAME AND ADDRESS	
	3124			an..35	Name and address line	
	3124		X	an..35	Name and address line	
	3124		X	an..35	Name and address line	
	3124		X	an..35	Name and address line	
	3124		X	an..35	Name and address line	
	C080		D		PARTY NAME	If no code available
	3036		M	an..35	Party name	
	3036		X	an..35	Party name	
	3036		X	an..35	Party name	
	3036		X	an..35	Party name	
	3036		X	an..35	Party name	
	3045		O	an..3	Party name format, coded	
	C059		O		STREET	
	3042		M	an..35	Street and number / p.o. box	
	3042			an..35	Street and number / p.o. box	
	3042			an..35	Street and number / p.o. box	
	3042			an..35	Street and number / p.o. box	
	3164		O	an..35	City name	
	C819				Country sub-entity	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
					identification	
	3229			an..9	postcode identification	
	1131			an..17	Country	
	3055			an..3	n.a.	
	3228		O	an..35	Country sub-entity name	
	3251		O	an..17	Postal identification code	
	3207		O	an..3		(an2) nationality, ISO3166 country code
	<b>CTA</b>		O	<b>CNI/RFF NAD</b>	<b>Contact details</b>	<b>Contact details</b>
	3139		M	an..3	"IC" Information contact	
	C056				Departement or employee details	
	3413			an..17	n.a.	
	3412		M	an..35	Contact person name	
	<b>COM</b>		O	<b>CNI/RFF NAD/CTA</b>	<b>Communication details</b>	<b>Communication details (Maximiun of 4)</b>
	C076				Communication contact	
	3148		M	an..512	Communication number (no spaces or hypphens)	
	3155		M	an..3	Communication channel qualifier:	"EM" Electronic mail "FX" Telefax "TE" Telephone "EI" EDI interchange



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	<b>EQD</b>		D	<b>CNI / EQD</b>	<b>Equipment details</b>	This group should be used for full and empty containers and for tanks
	8053		M	an..3	Equipment type code qualifier:	If tanks are indicated the tank codification of the respective vessel should be used in the exchange "CN" Container "AI" (Vessel Hold) for tanks
	C237		D		Equipment identification	For tanks another ID may be used
	8260		M	an..17	Container prefix and number	e.g. RILU1234567
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	3207			an..3	n.a.	
	C224		M		Equipment size and type	
	8155		M	an..10	Equipment size and type description code	e.g. 2200 or 22G0 etc Container type (ISO 6364 chapter 4 and annexes D en E)
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	8154			an..35	Size type description	To be used for tanks
	8077			an..3	n.a.	
	8249			an..3	n.a.	
	8169		M	an..3	Full or empty indicator code:	"5" Full "4" Empty
	<b>TSR</b>		O	EQD	<b>Transport Service Requirements</b>	<b>Transport Service Requirements</b>
	C536				Contract and carriage condition	
	4065		O	an..3	Contract and carriage condition, coded	"50" Deck Cargo allowed "51" Not allowed as deck cargo
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	C233		O		Service	
	7273		M	an..3	Service requirement, coded	Service requirement code "40" Refrigerated Interfrigo "41" Refrigerated not Interfrigo "48" Refrigeration unit check
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	C537		X		Transport Priority	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	4219		X	an..3	n.a.	
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	C703		O		Nature of Cargo	
	7085		M	an..3	Cargo type classification code:	"11" Hazardous "13" Liquid "15" Pollutant
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	<b>DIM</b>		O		<b>Dimensions</b>	
	6145		M	an..3	Dimension type code qualifier	"10" External Equipment Dim "13" Off standard height Usage notes: The indicator "10" is regarded as sufficient to indicate an off standard dimension
	C211		O		Dimensions	
	6168		D	n..15	Length measure	over length indicator container in feet
	6140		D	n..15	Width measure	over width in feet
	6008		O	n..15	Height measure	higher than the standard equipment size in feet
	<b>SEL</b>		O	<b>CNI/EQD</b>	<b>Seal number</b>	<b>Seal number</b>
	9308		M	an..35	Transport unit seal identifier	
	C215		O		Seal issuer	
	9303		O	an..3	Sealing party name code	Use code if this is known at the receipt e.g. EAN number
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	9302		O	an..35	Sealing party name	
	4517		O	an..3	Seal condition code	"D" damaged "B" broken "R" removed "N" no seal "C" changed "G" good
	C208				Identity number range	
	7402		X	an..35	n.a.	
	7402		X	an..35	n.a.	





Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	NAD		O	CNI/EQD	NAME AND ADDRESS	Name and address related to containers and or tanks
	3035		M	an..3	Party function code qualifier	"NI" Notify party "FW" Freight forwarder "CF" Container operator "EQ" Empty Container responsible party "TR" Terminal Operator
	C082		D		PARTY IDENTIFICATION DETAILS	Code if known at receiver, otherwise other fields as well
	3039		M	an..35	Party identification	e.g. EAN Code
	1131		X	an..17	Code list qualifier	
	3055		X	an..3	Code list responsible agency	
	C058				NAME AND ADDRESS	
	3124			an..35	Name and address line	
	3124		X	an..35	Name and address line	n.a.
	3124		X	an..35	Name and address line	n.a.
	3124		X	an..35	Name and address line	n.a.
	3124		X	an..35	Name and address line	n.a.
	C080		D		PARTY NAME	
	3036		M	an..35	Party name	Sender name.
	3036		X	an..35	Party name	n.a.
	3036		X	an..35	Party name	n.a.
	3036		X	an..35	Party name	n.a.
	3036		X	an..35	Party name	n.a.
	3045		X	an..3	Party name format, coded	n.a.
	C059		O		STREET	
	3042		M	an..35	Street and number / p.o. box	Street and number or post office box
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3042			an..35	Street and number / p.o. box	n.a.
	3164		O	an..35	City name	City
	C819				Country sub-entity	n.a.



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
					identification	
	3229			an..9	Postcode identification	Postal identification code
	1131			an..17	n.a.	ISO 3166-1 two alpha country code, see Part IV, Section 5, No.12
	3055			an..3	n.a.	
	3228		O	an..35	Country sub-entity name	
	3251		O	an..17	Postal identification code	
	3207		O	an..3	(an2) nationality,	ISO3166 country code



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	LOC		O	CNI/EQD	PLACE / LOCATION IDENTIFICATION	Specific for this consignment Container related locations
	3227		M	an..3	Place / location qualifier	Stowage locations F/E Discharge locations F/E Indication of the place of the equipment on board if required  "9" Place of loading "132" Place of discharge Empty equipment "147" Stowage location
	C517		M		LOCATION IDENTIFICATION	
	3225		D	an..25	Place / location identification	UN-Locode or ERI codes. For stowage place indication the - ISO codes should be used as much as possible "BBBRRTT" for Bay / Row / Tier
	1131			an..17	Code list qualifier	
	3055			an..3	Code list responsible agency	
	3224		O	an..256	Place / location	Could be the place on board in text if no stowage codes are available.
	C519		O		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25	Related place / location one identification	
	1131			an..17	Code list qualifier	
	3055			an..3	Code list responsible agency	
	3222		O	an..70	Related place / location one	
	C553		O		RELATED LOCATION TWO IDENTIFICATION	
	3233		O	an..25	Related place / location two identification	
	1131			an..17	Code list qualifier	
	3055			an..3	Code list responsible agency	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	3232			an..70	Related place / location two	
	5479			an..3	Relation	
	<b>TMP</b>		O	<b>CNI/EQD/</b>	<b>Temperature</b>	
	6245		M	an..3	Temperature Type code qualifier:	"2" Transport temperature
	C239		O		Temperature setting	
	6246		O	n..15	Temperature degree	Standard in degrees centigrade
	6411		D	an..8	Measurement unit code	F= Fahrenheit (C=Centigrade)
	<b>RNG</b>		O	<b>CNI/EQD/ TMP/</b>	<b>Range Details</b>	
	6167		M	an..3	Range type code qualifier	"5" Temperature range
	C280		O		Range	
	6411		M	an..8	Measure unit code	C=Centigrade F= Fahrenheit
	6162		D	n..18	Range minimum quantity	minimum temp
	6152		D	n..18	Range maximum quantity	maximum temp



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	<b>GID</b>		M	<b>CNI/RFF</b>	<b>Goods sequence number</b>	
	1496		M	n..5	Sequence number of the good within a consignment	For bulk use "1"
	C213		O		Number and type of the colli	
	7224		O	n..8	Number of outer packages	
	7065		O	an..17	Code of the outer package type	REC 21 For bulk cargo use: VL = Liquid VR = Solid granular
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	7064		X	an..35	n.a.	
	7233		X	an..3	n.a.	
	C213				Number and type of the colli	
	7224		O	n..8	Number of inner packages	
	7065		O	an..17	Code of the inner package type	
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	7064		X	an..35	n.a.	
	7233		X	an..3	n.a.	
	C213				Number and type of the colli	
	7224		X	n..8	n.a.	
	7065		X	an..17	n.a.	
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	7064		X	an..35	n.a.	
	7233		X	an..3	n.a.	
	C213				Number and type of the colli	
	7224		X	n..8	n.a.	
	7065		X	an..17	n.a.	
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	7064		X	an..35	n.a.	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	7233		X	an..3	n.a.	
	C213				Number and type of the colli	
	7224		X	n..8	n.a.	
	7065		X	an..17	n.a.	
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	7064		X	an..35	n.a.	
	7233		X	an..3	n.a.	
	<b>PAC</b>		O	<b>CNI/RFF/ GID</b>	<b>Package</b>	
	7224		M	n..8	Package quantity	
	C531				Packaging details	
	7075		O	an..3	Packaging level code	
	7233			an..3	n.a.	
	7073			an..3	n.a.	
	C202		O		Package type	
	7065		O	an..17	Package type code	
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	7064		X	an..35	n.a.	
	C402				Package type identification	
	7077		X	an..3	n.a.	
	7064		X	an..35	n.a.	
	7143		X	an..3	n.a.	
	7064		X	an..35	n.a.	
	7143		X	an..3	n.a.	
	C532				Number and type of the colli	
	8395		X	an..3	n.a.	
	8393		X	an..3	n.a.	
	<b>HAN</b>		O	<b>CNI/RFF/ GID</b>	<b>Handling instructions</b>	
	C524		M		Handling instructions	
	4079		O	an..3	Handling instructions coded:	"1" Heat sensitive "2" Store in dry environment "3" Stacked ( is or can be stacked) "4" General



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
						Usage notes "4" can be used to give some additional information under 4078 such as the applicable INCO term or legal grounds for transport
	1131		X	an..17	n.a.	
	3055		X	an..3	n.a.	
	4078		O	an..70	Handling instructions free text	INCO terms (e.g. CIF, FOB, FAS etc) Legal grounds for transport
	C218					
	7419		X	an..7	n.a.	
	1131		X	an..17	n.a.	
	3055		X	an..17	n.a.	
	7418		X	an..17	n.a.	
	<b>FTX</b>		M	<b>CNI/RFF/GID</b>		<b>Cargo description</b>
	4451		M	an..3	Text subject type	"AAA" Goods description "AAD" Technical name for dangerous goods "OSI" Service information Usage notes : "OSI" can be used for percentage details of non dangerous mixture
	4453			an..3	n.a.	
	C107		M		Text reference	
	4441		M	an..17	Harmonised System code	Use at least 6 positions or CN if available. See annex IV Section 5, no 5
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	C108		O		Text literal	
	4440		M	an..512	Goods name	
	4440			an..512	Free text	
	4440			an..512	Free text	
	4440			an..512	Free text	
	4440			an..512	Free text	
	3453			an..3	n.a.	
	4447			an..3	n.a.	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	<b>FTX</b>		O	<b>CNI/RFF/</b>	<b>Freight remarks</b>	
	4451			an..3	Text subject type	"AAS" Bill of Lading remarks
	4453			an..3	n.a.	
	C107				Text reference	
	4441			an..17	n.a.	
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	C108		O		Text literal	
	4440		M	an..512	Bill of lading remarks	
	4440			an..512	Free text	
	4440			an..512	Free text	
	4440			an..512	Free text	
	4440			an..512	Free text	
	3453			an..3	n.a.	
	4447			an..3	n.a.	





Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	MEA		O	CNI/RFF/ GID	Measurements	Measurements
	6311		M	an..3	Measurement application qualifier:	“AAE” Measurement “WT” Weight “VOL” Volume “PRE” Pressure Usage notes: WT is weight of the consignment or cargo item VOL is volume of the consignment Pre is pressure after discharge
	C502		M		Measurement details	
	6313		M	an..3	Measurement dimension:	“G” Gross weight “A” Loading as much as possible “ABS” Item weight Usage notes: For the filling of tanks A = Consolidated weight as much as possible ABS not as much as possible
	6321			an..3	n.a.	
	6155			an..17	n.a.	
	6154			an..70	n.a.	
	C174		O		Value / Range	
	6411		M	an..3	Measure unit qualifier:	“KGM” Kilograms “LTR” Liters “TON” Metric ton
	6314		M	an..18	Measurement value	
	6162		D	n..18	Range minimum quantity	Minimum amount to be loaded
	6152		D	n..18	Range maximum quantity	Maximum amount to be loaded
	6432			n..2	n.a.	
	7383			an..3	n.a.	
	SGP		O	CNI/RFF/ GID	Specification of the location of the goods	Relation to specific container number or tank number
	C237		M		Identification	
	8260		M	an..17	Container prefix and number	Tank number
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	3207			an..3	n.a.	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	7224			n..8	number of packages in the container	
	<b>DGS</b>		D	<b>CNI/RFF/GID</b>	<b>Dangerous goods, particulars regarding the dangerous and harmful goods</b>	Must be used for dangerous harmful substances and pollutant
	8273		M	an..3	Dangerous goods regulations code:	"ADS" = ADN(R) (Rhine) "IMD" = IMO
	C205		M		Hazard Code	
	8351		M	an..7	Hazard Identification code	<b>ADN(R) or IMDG code</b> , see Part 4, Section 5, No. 10 or No. 11
	8078		O	an..7	Additional Hazard Classification identifier	ADN(R) danger classification code, see Part 4, Section 5, No. 11
	8092			an..10	n.a.	
	C234		M		UNDG Information	
	7124		M	n4	UN number (UNDG)	<b>UN number</b> (UNDG code), see Part 4, Section 5, No. 9
	7088				n.a.	
	C223		O		DANGEROUS GOODS SHIPMENT FLASHPOINT	
	7106		M	n..3	Shipment flashpoint	<b>Flashpoint</b> of the good transported
	6411		M	an..3	Measure unit qualifier	"CEL" for Celsius "FAH" for Fahrenheit .
	8339			an..3	Packing group	"1" for great danger "2" for medium danger "3" for minor danger ..
	8364			an..6	EMS number	Emergency Procedures
	8410			an..4	MFAG number	Medical First Aid Guide
	8126			an..10	n.a.	
	C235		C		HAZARD IDENTIFICATION PLACARD DETAILS	<b>Placards</b> mandatory for dangerous goods on dry cargo vessels
	8158		M	an..4	Hazard identification number, upper part	see ADN(R)
	8186		M	an..4	Substance identification number, lower part	see ADN(R)
	C236		X		Dangerous goods label	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	8246			an..4	n.a.	
	8246			an..4	n.a.	
	8246			an..4	n.a.	
	8255			an..3	n.a.	
	8325			an..3	n.a.	
	8211			an..3	n.a.	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	PCI		O	CNI/RFF/ GID	Package identification	
	4233			an..3	Marking instruction code	
	C210		M		Marks & labels	
	7102		M	an..35	Shipping marks description	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	7102			an..35	n.a.	
	8275		X	an..3	Container or package contents indicator code	
	C827		X		Type of marking	
	7511			an..3	n.a.	
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	CST		O	GNI/RFF/ GID	Customs Status of Goods	To specify the identity of the goods
	C246		O		Customs Identity Codes	To be provided by the Customs at the place of declaration
	7361		M	an..18	Customs goods identifier	HS nr 6 positions or CN (10) see part IV, section 5, No. 6
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	C246		O		Customs Identity Codes	TARIC number 11 positions
	7361		M	an..18	Customs goods identifier	
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	C246		O		Customs Identity Codes	e.g. NSTR , see Part 4, section 5, No. 8



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	7361		M	an..18	Customs goods identifier	
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	C246		X		Customs Identity Codes	n.a.
	7361		X	an..18	Customs goods identifier	
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	C246		X		Customs Identity Codes	n.a.
	7361		X	an..18	Customs goods identifier	
	1131			an..17	n.a.	
	3055			an..3	n.a.	



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	LOC		O	CNI/RFF/GID	PLACE/LOCATION IDENTIFICATION	
	3227		M	an..3	Place / location qualifier	"9" Place of loading "11" Place of discharge "20" Place of ultimate destination of goods "76" Original port of shipment "122" Customs office of destination
	C517		M		LOCATION IDENTIFICATION	
	3225		A	an..25	Place / location identification	UN/ECE Location code (Rec. 16), see Part IV, Section 5, No. 13
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224		O	an..256	Place / location	Full name of the port location
	C519		O		RELATED LOCATION ONE IDENTIFICATION	
	3223		M	an..25	Related place / location one identification	Terminal code, see Part IV, Section 5, No. 15
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222		O	an..70	Related place / location one	Full name of the terminal.
	C553		O		RELATED LOCATION TWO IDENTIFICATION	
	3233		O	an..25	Related place / location two identification	Fairway section code, see Part IV, Section 5, No. 14
	1131			an..17	Code list qualifier	
	3055			an..3	Code list responsible agency	n.a.
	3232		O	an..70	Related place / location two	Fairway section hectometre
	5479			an..3	Relation	n.a.



Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional	Format	Names	Description of qualifiers and used codes, general remarks on usage of data elements, Usage notes
1	2	3	4	5	6	7
	<b>GEI</b>		O	<b>CNI/RFF/ GID</b>	<b>Processing information</b>	
	9649		M	an..3	Processing information code qualifier: “	CSG” Customs status of goods
	C012		M		Processing indicator	
	7365		M	an..3	Processing indicator description code:	“T” Third country good “C” Communal good “F” Good from non-fiscal area “X” Good declared for export in a member state
	1131			an..17	n.a.	
	3055			an..3	n.a.	
	7364			an..35	n.a.	
	7187			an..17	Process type description code	
	<b>UNT</b>		M		<b>End and control of completeness of the message</b>	
	0074		M	n..10	number of segments in the message	
	0062		M	an..14	First 14 positions of the message reference number	
	<b>UNZ</b>		M		<b>End and control of the interchange</b>	
	0036		M	n..6	(n1), number of messages in the interchange	“1” for number of messages contained in the interchange
	0020		M	an..14	Interchange reference number	First 14 positions of the message reference number



On the next pages the information requirements are named separately to ensure a common understanding of the various data to be exchanged.

For XML exchanges the Tags might be named in accordance with the names given however XML provides the freedom to choose other tags as well, therefore it is of the utmost importance that the naming of the data elements will be kept in line with the names as have been given to ensure compatibility between the data content.

The present DTD or schema format is free to ensure as much flexibility as possible.

It is strongly recommended to use for any other syntax such as XML the standard codes and reference numbers as indicated in the UN/EDIFACT message to ensure full compatibility.





Document name:	<b>E-Konnossement attachment 1 to message implementation guide version 0.73</b>
Document Description:	Manifest message A message from the party providing the transport/ forwarding services to the party that issued the instructions for those services and the involved governmental authorities charged with compliance controls, stating the actual details, terms and conditions of the service and of the consignment involved. In addition it can be used for the exchange of information with other authorised parties in the transport chain.
Clarification	The manifest should be regarded as an inventory of the cargo on board of the respective ship there are a number of functions of a manifest: 1 Customs manifest, Rhine Manifest, 2 General freight manifest, 3 Special goods manifest. But also the indication that there is waste on board and the necessary permits. The message that is to be used for the exchange of data for the various purposes is the CUSCAR in addition to the already used messages e.g. the ERINOT message
Exceptions:	
Worked by:	de Lijster/Scherpbier/Nefkens/Oudenes
Date:	April-2006
Version:	0.73



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
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**Bill of Lading (Cognossement) – Manifest (ERIMAN)**

**HEADERDATA No repeats**

1.0	Sender Identification 0004	Code of the sender of the message		M	an..35		18	UN	Sender ID NAD GR 2 Qualifier MS	A
1.1	Mailbox	Mailbox Sender Combine with 1.2		M	an..35		25	UN	Sender ID and mailbox UNB 0004	A
1.2	Sender name	Name sender		M	an..35		35	UN	Segment NAD GR 2	A
1.3	Contact person	Sender contact		O	an..35		35	UN	Segment CTA GR 3	O
1.4	Reference number sender	Internal Reference number of the sender		O	an..35		25	UN	Segment BGM 1004	A
1.5	Recipient identification	Code of the recipient of the message		M	an..35		3	UN	Recipient ID NAD GR 2 Qualifier MR	A
1.6	Common Access Reference	Reference to all messages related to one common file	Used when there needs to be a relationship between messages	D	an..35	The internal reference of the sender of the first message of a file can be used here	17	UN	Common Access reference UNH DE 0069	O
1.7	Mailbox	Mailbox recipient		M	an..35		25	UN	Recipient ID and mailbox UNB 0010	A
1.8	Recipient name	Name Recipient of message		M	an..35		35	UN	Segment NAD GR2 data element 3036	A
1.9	Contact person	Recipient Contact		O	an..35		35	UN	Segment CTA GR 3 data element 3412	A
1.10	Carrier agent reference	Reference number of the carrier		O	an..35		35	UN	Segment RFF 1154 GR 1	A
1.11	Reference number recipient	Internal Reference number of the		O	an..35		25	UN	Segment RFF 1154 GR 1	A



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
		recipient								
1.12	Date / time	Date / time of message		M	N8/ N4	ccyyymmdd/hhmm	n12	UN	Segment UNB 0017/0019	A
1.13	Date of BL	Date of issue of the document		M	n8	ccyyymmdd	8	UN	Segment DTM 0030	O
1.14	Transport document (contract) number (Message reference number)	Reference number	00001	M	an..35		6	UN	Reference to identify the data set BGM 1004	A
1.15	Place of issue of the document	Place of issue of the BL / Cognossement or manifest		O	an..35		20	UN	LOC segment 0040 3227=44 place of authentication	O
1.16	Signatory party	Party who signed the BL or Manifest		O				UN	CTA Group 13	na
1.17	Document type	Bill of Lading, Cognossement, Manifest	711	M	an..3		3	UN	Segment BGM 1001 code 711 Inland Waterway Bill of Lading code 85 Customs manifest, code 87 Summary manifest	O
1.18	Remarks unstructured	Remarks		O	an..512			UN	FTX	
<b>MEANS OF TRANSPORT (here inland transport vessel) ) no repeats</b>										



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
2.1	Number of documents	The amount of bills of lading (Cognossements) that have been signed	1/7	O	an..3		3	UN	Segment QTY 0050 code 116 (6063)	O
2.2	Number of persons	Number of persons on board	3	O	an..35		4	UN/WCO	Segment QTY 0050 code 115 (6063)	n.a
2.3	Total weight carried	Weight on the ship or combination in KG		O	n..18		8	UN	Segment QTY 0050 data element 6060 , Qualifier 6063 = 90 (as is quantity)	n.a
2.4	Total amount carried	Volume on the ship or combination in Litre		O	n..18		8	UN	Segment QTY 0050 data element 6060Qualif 6063 = 90 (As is quantity)	n.a
2.5	Ships name 8212	Name of the ship		O	an..35		35	UN	Segment TDT Gr 4	M
2.6	Ships ID 8213 Main Transport means type	Sips ID ERI Recommendation has 12 positions use first 8		R	an..9		n9	IMO/ERI	Segment TDT Gr 4 data element 8212	M
2.7	Code list Qualifier (ID type)	OFS=Europeanummer, IMO=IMO-Number, ERN=Electronic Reporting Number		D	an..3		3	ERI	Segment TDT Gr 4	M
2.8	Carrier Identification	ID of company undertaking transport		D	an..17			UN	Segment TDT Gr 4	M
2.9	Carrier Name	Name of Company undertaking transport		D	an..35			UN	Segment TDT Gr 4	M
2.10	Barge type coded 8179	GMS, TMS, etc.		M	an..8			UN	Recommendation 28	M
2.11	Voyage number	From Barge operator		M	an..17			UN	Segment TDT data\element 8028	M
2.12	Name of Captain			O	an..35			UN / IMO	Segment NAD 3036 Gr 2 Qualifier CPE	O



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
2.13	Nationality mans of Transport	Nationality of the ship	NL	O	an..3		3	UN	Segment TDT Use 2 digit UN / ISO code Rec 3 data element 8453	R
2.14	Location of loading	The actual place where loading started		R	an..35		20	UN	LOC gr 4 use recommendation 16 use if more than one loading location is used	D
2.15	Port of loading	Place of Loading		D	an..35		20	UN	Use Recommendation 16 if code is not available text gr 4	D
2.16	Terminal	Loading terminal		O	an..35		20	UN	LOC gr 4 use terminal codes	n.a
2.17	Loading start	The actual moment the loading started		O	an..35	ccyymmddhhmm	12	UN	TDT GR 4 DTM Qual "475"	n.a
2.18	Loading completed	The moment the loading operation finished		O	an..35	ccyymmddhhmm	12	UN	TDT GR 4 DTM Qual "413"	n.a
2.19	Country of routing	The various countries that have been passed / called		O	an..35			UN	Use country codes LOC group 4	n.a
2.20	Location of discharge	Place end voyage		R	an..35		20	UN	LOC gr 4 use Recommendation 16 use if more than one discharge location is used	D
2.21	Port of discharge	Place of discharge		D	an..35		20	UN	LOC gr 4 Use Recommendation 16	D
2.22	Terminal	Discharge Terminal		O	an..35		20	UN	LOC gr 4 use terminal codes	D



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
2.23	Date and time of arrival	Date and time of arrival port of discharge		O	an..35	ccyymmddhhmm	12	UN	Segment DTM group 4 Qualif 132 ETA	ETA
2.24	Reporting day for discharge 2380	Date for commencement of discharge		O	an..35	ccyymmddhhmm	12	UN	Segment DTM group 4 part of TDT 2005 code 291 Start Date Time	n.a
2.25	Reporting day for discharge text			O	an..35		35	UN	DTM	n.a
2.26	Discharge deadline date / time	Dead line for discharge		O	an..35	ccyymmddhhmm	12	UN	Segment DTM group 4 part of TDT code 1 service completion date time	n.a
2.27	Dead line for discharge text	Deadline in text		O	an..35		35	UN	FTX	n.a
2.28	max. discharging time	Maximum duration of discharge	Legal requirement in Germany	O	an..35	ddhhmm	6	UN	Segment DTM group 9 part of TDT 2005 code 48	n.a
2.29	Remarks	e.g. further details of the vessel		O	Text		500		FTX AAI general information: "can carry cargo on deck"	
<b>( Statement of consignments one ship from one port of loading to one port of discharge) general information</b>										
3.1	Sequence number of consignment	Line number on manifest		M	n..4			UN	CNI group 7 DE 1490	n.a



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
3.2	BL number	Should be unique for 3 years		O	an..35			UN	CNI Document identifier 1004	n.a
3.3	Language of the document	Language of the document	de = German	O	an..3			ISO 639	Language CNI 3453	○
3.4	Reference numbers	Booking number consignment		O	an..35				Reference for booking or other numbers to identify consignment CNI RFF	○
3.5	Waste indicator	Does the transport contain waste	Legal requirement	D	an..3		3	UN	Waste shipment movement 979 of data element 1001 of DOC means waste is on board.	
3.6	Waste type	Type of waste being transported	legal requirement	D	an..3		3		GEI data element 9649 Use D= Disposal, U=Utilisation	
3.7	European Waste code	Code from the European Waste catalogue		D	n6		n6		GEI Data element 7187	
3.8	OECD Waste code	Code from OECD Waste catalogue		D	an5		an5	OECD	GEI Data element 7187	
3.9	Description of waste	text description of waste			an..35		35		GEI Data element 7364	
3.10	German Waste transport licence	If license is needed state number		O					DOC 1001 Qualifier 978	
3.11	Waste transport licence number	Licence number (document number		O	an..35			UN	DOC 1004 number of licence	
3.12	Waste Transport licence source	The editor of the licence		O	an..70				DOC 1366 Document source description	



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
3.13	Number of official document for disposal or utilisation	Record of proper waste management (Entsorgungsnachweis)	legal requirement in Germany	D			3+9		DOC 1000 name of document and 1004 number	
3.14	Number of covering note	Begleitschein	Legal requirement in Germany	D					DOC 1000 name of document and 1004 number	
3.15	Notification letter	Kennisgevings formulier Cross border waste management	NL	D					DOC 978 transfrontier waste shipment authorisation 1004 number of authorisation	
3.16	Transport Charges	Where required the payable freight amount		O	n..35				Amount to be paid segment MOA	○
3.17	Charge Payment instructions			O	an..3				Instructions e.g. Basic freight segment CPI	○
3.18	Remarks unstructured	Remarks concerning all consignments		O	Text		500	UN	FTX 0150 TSR remarks to be defined	

**Consignment (Contract statement one ship from one port of loading to one port of discharge) repeat I for each separate consignment within the manifest max 999**





Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
4.1	Shipper	Merchant, Customer, Sender, Consignor		R	an..35			UN	NAD GR 11 Qualif 3035 CZ	<b>M</b>
4.2	Consignee	Recipient of the goods		R	an..35			UN	NAD GR 11 Qualif 3035 CN	<b>M</b>
4.3	Notify Party			O	an..35			UN	NAD GR 11 Qualif 3035 NI	<b>n.a</b>
4.4	Location of loading			O	an..35		20	UN	LOC GR 9 use terminal codes	<b>D</b>
4.5	Place of departure	Place where the voyage of the ship started		O	an..35		20	UN	LOC GR 9 Use Rec 16 if code is not available text	<b>D</b>
4.6	Terminal			O	an..35		20	UN	LOC GR 9 use terminal codes	<b>D</b>
4.7	Pre carrier information	Name of the sea going vessel		O	an..35			UN	TDT GR 9	<b>n.a</b>
4.8	Original place of shipment	Place where the consignment was originally loaded		O	an..35			UN	LOC GR 9 Use Rec 16 if code is not available text	<b>n.a</b>
4.9	Place of ultimate destination	The final destination of the consignment		O	an..35			WCO	Use LOC gr 9 recommendation 16 UNLOCODE	<b>n.a</b>
4.10	Location of discharge	Place of delivery		O	an..35		20	UN	LOC GR 9 use terminal codes	<b>D</b>
4.11	Place of destination	Place where the voyage of the ship will end		O	an..35		20	UN	LOC GR 9 Use Recommendation 16	<b>D</b>
4.12	Terminal			O	an..35		20	UN	LOC GR 9 use terminal codes	<b>D</b>
4.13	Place of customs declaration	Place where cargo will be declared		O	an..35		20	UN	LOC GR 9 Use coded possibilities Qualifier 15	<b>n.a</b>
4.14	Customs Status of goods	Indication of the regime of the goods coded		O	an..3		1	WCO	GEI GR 8 Qualifier CSG use WCO codes	<b>n.a</b>



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
4.15	Customs Value	Value of the goods according to the transit document		O	n..35		5	WCO	MOA GR 8 use qualifier 40 (Customs value)	n.a
4.16	Consignment Reference number	UCR		O	an..70		17	UN	RFF Group 8 Qualif UCN DE 1154	O
4.17	Place of issue of the document	Place where the document is issued		O	an..35			UN	Segment LOC gr 8 Qualifier 91	n.a
4.18	Date of issue	Date when required in FTX		O					Segment CNI Gr 7	
4.19	Remarks unstructured	Remarks concerning one consignment		O	Text		500		FTX Group 14 GID FTX	
<b>Full and Empty Equipment and Tank data for liquid cargo etc. repeat for each container or tank max 999</b>										
5.1	Container numbers	Container ID		R	an..17		12	WCO	Segment EQD Gr extra DE nr 8260	D
5.2	Container size type	Size Type code		M	an..10		5	WCO	Segment EQD Gr extra DE nr 8155	D
5.3	Out of Gauge indicator	Containers that are not standard size		O	an..3		3	UN	Segment DIM Gr extra DE 6145	D
5.4	Seal Numbers	Seal Numbers	Identity nr	O	an..35			WCO	Segment SEL group extra EQD DE 7402	D
5.5	Full / Empty indicator	Full=5 Empty = 4	5	M	an..3		1	UN	Segment EQD Gr Ext DE nr 8169	M
5.6	Temperature setting	Carriage temperature	minus 22	O	an..3		n3	UN	Segment EQD/TMP 6245 code 2 transport temperature 6246 temperature	O
5.7	Temperature range	Range for carriage	between minus 18 and minus 26	O	an..3		max/min	UN	Segment EQD/TMP/RNG 6167 code 5 temperature range 6411 C temperature range in	O



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
									6162/6152	
5.8	Container / tank related locations	Location for MT containers such as stowage, destination other than the destination of the ship etc.	Stowage/ Location	O	an..35			UN	Segment LOC gr 5 Qualifier 132= Place of discharge of MT equipment. Qual 147=Stowage location use ISO codes where possible otherwise free text	O
5.9	Allowed as Deck Cargo	Indication that said cargo can be carried on deck		O	an..3		2	ERI	TSR 4065 code 50 deck cargo allowed code 51 not allowed as deck cargo	
<b>Cargo Items (Cargo details) repeat max : 9999</b>										
6.1	Number of packages	Package quantity		M	n..8		n4	UN	Segment GID 7224 Gr 14	R
6.2	Kind of packages	Package Type		O	an..35			UN	Segment GID 7064 Gr 14 UN REC 21	R
6.3	Goods description	Free text description of the goods		O	an..500		35	ERI	Segment GID FTX - AAA goods desc	R
6.4	Package identification	Shipping marks		O	an..35		35	UN	Segment GID / PCI	O
6.5	Customs / Statistics code	Customs and statistics code HS / NSTR		O	an..17		6	ERI	Segment GID / CST 7361 Gr 14	R
6.6	INCO terms	Transfer of ownership	CIF	O	an..3		3	UN	Segment GID/HAN 4079=4 4078 applicable INCO-term	D



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
6.7	Legal Transport basis	Legal grounds on which items can be transported		O	an..70			UN	Segment GID/HAN 4078 indication of the legal requirements and instructions	D
6.8	Dangerous goods regulations 8273	I=IMO, A=ADNR, N=Not Dangerous 8273		D	an..3		1	UN	Segment GID DGS Gr 14	R
6.9	UN number 7124	UN-Number of the dangerous goods 7124		D	n4		4	UN	Segment GID DGS Gr 14	R
6.10	ADNR Class	ADNR-Class 8351		O	an..7		5	UN	Segment GID DGS Gr 14	R
6.11	ADNR-category	ADNR-Category 8078		O	an..7		5	UN	Segment GID DGS Gr 14	R
6.12	IMO Class	IMO-Class 8351		D	an..7		5	UN	GR 14 Segment GID DGS	R
6.13	Flashpoint	Dangerous goods flashpoint 7106		O	n3		3	UN	Segment GID DGS use CEL degrees Celsius	R
6.14	Dangerous goods technical name 4440	Dangerous goods technical name		O	an..70		70	UN	GR 14 Segment GID FTX	R
6.15	Weight 6314	Weight in kilo		O	n..18		8	UN	Segment MEA data element 6411 6311 = WT	R
6.16	Amount (Quantity) 6314	Volume in ltr		O	n..18		8	UN	Segment MEA data element 6411 6311 = VOL	R
6.17	Density 6314	kg per m3		O	n..18		8	UN	Segment MEA Gr 14	O
6.18	Filling notification	F=loading as much as possible otherwise N		O	an..		1	UN	Segment MEA Gr 14	O
6.19	Minimum amount	Minimum Amount to be loaded		O	an..		8	UN	Segment MEA Gr 14	O
6.20	Maximum amount	Maximum Amount to be loaded		O	n		8	UN	Segment MEA Gr 14	O
6.21	Percentage details	Non dangerous mixture as percentage of total max capacity		O	n..10		3	UN	Segment FTX Gr 14	O



Nr.	Data elements / Core components	Description	Example	Mand / Cond	Standard data value repr.	Format	Max Chars	Standard	Remarks - directory number (TDED) segment	IFTMIN -BICS
6.22	Pressure after discharge			O	an..		8	UN	Segment MEA Gr 14	○
6.23	Transport Temperature	Transport temperature in degrees Celsius		O	n..15		4	UN	Segment TMP for bulk use EQD+8053 =AD (temperature recorder)	○
6.24	Packaging danger level code 8339	Dangerous goods packing group to deduct prohibited combinations		O	an..3		1	UN	Segment DGS group 14 data element 8339	○
6.25	Remarks unstructured	For goods		O	Text		500	UN	Segment FTX	

**Notes**

The manifest message is using the full structure of the CUSCAR and recommendations of the WCO to ensure full compatibility with other messages