IFTMIN BICS

Message implementation guide

for

Inland Waterway Transport

1. Table of contents

2. Usage of the IFTMIN (BICS) message implementation guide for Inland shipping

The IFTMIN UN standard message has been used as fundament for the definition of a subset and its implementation guide explaining the use of this subset. This subset has been called the IFTMIN (BICS) message. Such a specific subset of the IFTMIN was required to ensure that the correct information necessary for the transport over inland waterways was available in the correct format for skippers. This guide is geared towards the special use of the IFTMIN message to act as enabler to provide data to competent authorities and partners.

In the inland shipping industry the IFTMIN-(BICS) message is key to transmit transport order information electronically from barge operators to skippers (partners).
The IFTMIN-(BICS) message and guide provide all necessary data to enable electronic data interchange between inland shipping with their partners and provide all data necessary for reporting to the respective competent authorities. In other words the message serves as the fundament for the provision of data to the parties connected to the domain of inland shipping.
The message implementation guide is used by inland waterway operators and the guide is completely in line with the applicable UN-standards for instructions for the transport of goods and equipment.

Summary of the reasons why the IFTMIN (BICS) message and guide are to be used as the standard for information provision in inland waterway transport:

- The inland shipping industry has a vital interest in seamless transfer of information related to the entire transport chain. This contributes highly to the quality and reliability of the inland waterborne transport as an individual part in the transport chain and for that matter in the total logistics chain.

- With the use of the IFTMIN-(BICS) message all necessary information can be supplied from the customer (agent, barge operator initiating the transport) to the vessel. This information is needed for a safe transport of the cargo. After receiving and processing this information the skipper cannot only take care of safe and secure transport also all necessary data is available to make a report to the competent authorities.

- The IFTMIN-(BICS) message is key to several electronic transport documents like E-manifest, electronic Bill of Lading, load and discharge instructions and serves as the basis for electronic reports to fairway- and other authorities.

- In this way it is possible to deliver all desired information in a uniform structure to commercial partners (consignees, shippers, terminals and barge operators) as well as to authorities (fairway authorities, police, customs, port authorities).

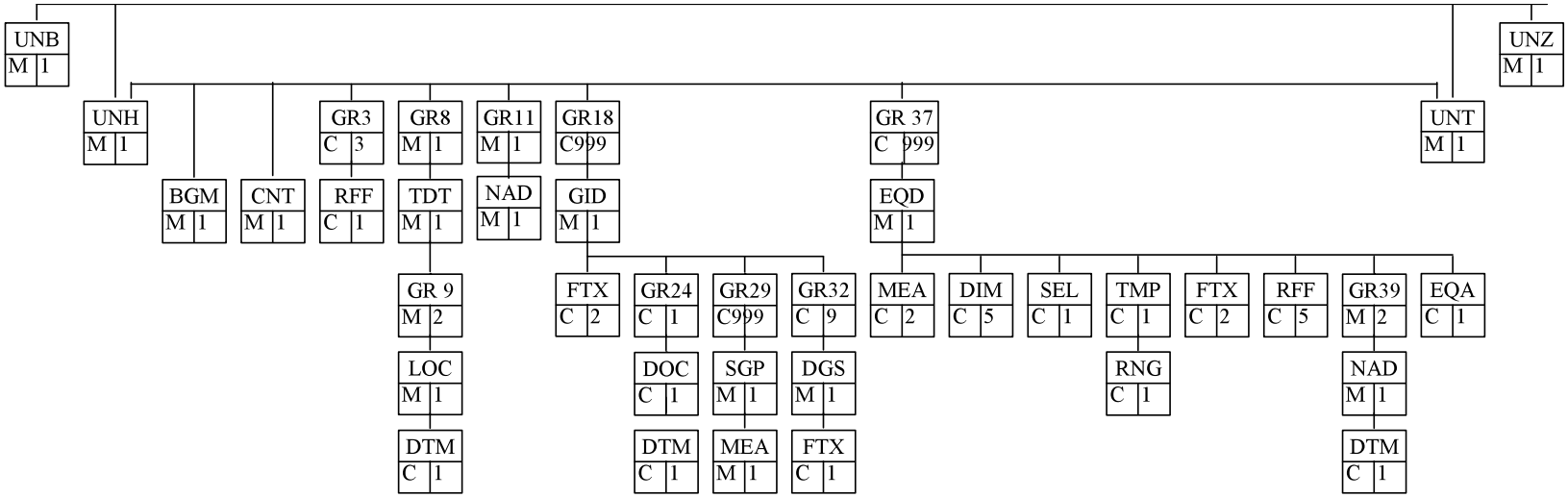
- With respect to the application of security measures (ISPS) the actual information obtained through the use of the IFTMIN-(BICS) message, will be indispensable for all those who need to provide information. To meet the information requirements of other involved parties, the message gives skippers the only manageable way of providing reliable and good quality data.

- By using international standards or implementation guides based on international standards, fewer changes in in-house software of participating actors are necessary. This will stimulate the acceptance and the use of Electronic Data Interchange in the inland waterway transport environment.

3. IFTMIN SEGMENT Table

	Tag	Name	S	R
0010	UNH	Message header	M	1
0020	BGM	Beginning of message	M	1
0100	CNT	Control total	M	1
0190		Segment group 3	C	3
0200	RFF	Reference	C	1
0470		Segment group 8	M	1
0480	TDT	Details of transport	M	1
0510		Segment group 9	M	2
0520	LOC	Place/location identification	M	1
0530	DTM	Date/time/period	C	9
0570		Segment group 11	M	1
0580	NAD	Name and address	M	1
0900		Segment group 18	C	999
0910	GID	Goods item details	M	1
0990	FTX	Free text	C	2
1200		Segment group 24	C	1
1210	DOC	Document/message details	C	1
1220	DTM	Date/time/period	C	1
1370		Segment group 29	C	999
1380	SGP	Split goods placement	M	1
1400	MEA	Measurements	M	1
1510		Segment group 29	C	9
1520	DGS	Dangerous goods	M	1
1530	FTX	Free Text	C	1
1650		Segment group 37	C	999
1660	EQD	Equipment details	M	1
1690	MEA	Measurements	C	2
1700	DIM	Dimensions	C	5
1710	SEL	Seal number	C	1
1740	TMP	Temperature	C	1
1750	RNG	Range details	C	1
1760	FTX	Free text	C	2
1770	RFF	Reference	C	5
1850		Segment group 39	M	2
1860	NAD	Name and address	M	1
1870	DTM	Date/time/period	C	1
1790	EQA	Attached equipment	M	1
2000	UNT	Message trailer	M	1

4. Branching Diagram



5. IFTMIN-BICS message structure

Table 1 defines the structure of the segments and the data elements of the IFTMIN-BICS message.

Table 1: IFTMIN BICS

Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	UNB	0	M		**INTERCHANGE HEADER**	
	S001		M		SYNTAX IDENTIFIER	
	0001		M	a4	Syntax identifier	"UNOA" Controlling agency level A
	0002		M	n1	Syntax version number	"2"
	S002		M		INTERCHANGE SENDER	
	0004		M	an..35 (an25)	Sender identification	Mailbox number or unique name
	0007		C	an..4	Partner identification code qualifier	n.a.
	0008		C	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 control reference	First 14 positions of the message reference number.
	S005		C		RECIPIENTS REFERENCE, PASSWORD	n.a

Table 1: IFTMIN BICS

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional Dependant Optional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
	0022			an..14	Recipient's reference / password	n.a.
	0025			an2	Recipient's reference, password qualifier	n.a.
	0026			an..14	Application reference	n.a.
	0029			a1	Processing priority code	n.a.
	0031		C	n1	Acknowledgement request	"1" = Sender requests acknowledgement, i.e. UNB and UNZ segments received and identified
	0032			an..35	Communications agreement id	n.a.
	0035		C	n1	Test indicator	"1" = The interchange relates to a test message
	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 reference number.
	S009		M		MESSAGE IDENTIFIER	
	0065		M	an..6	Message type	"IFTMIN", message type
	0052		M	an..3	Message version number	"D",
	0054		M	an..3	Message release number	"01A"
	0051		M	an..2	Controlling agency	"UN",
	0057		M	an..6	Association assigned code	BICS
	0068		O	an..35	Common access reference	The reference code to have a common denominator for all messages meant for the same voyage. For voyage definition, see business terms
	S010				STATUS OF THE TRANSFER	Transfer status
	0070			n..2	Sequence of transfers	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	0073			a1	First and last transfer	n.a.
	BGM	0	M		**BEGINNING OF MESSAGE**	Identification of the type and function of the message
	C002		M		DOCUMENT / MESSAGE NAME	
	1001		M	an..3	Document / message name code	**Type** of Message: "150", Internal Transport Order
	1131			an..3	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	1000			an..35	Document / message name	n.a.
	C106		M		DOCUMENT / MESSAGE IDENTIFICATION	
	1004		M	an..35 (an15)	Document identifier	Message reference number. (an15) 3 letter code for the notifying party followed by date / time format YYMMDDHHMMSS 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		**C**	an..9	Version	n.a.
	1060		**C**	an..6	Revision number	n.a.
	1225		**M**	an..3	Message function code	**Function** of message: "9" = new message, (original) "4" = message containing items to be changed. "1" = cancellation message
	4343		**C**	an..3	Response type code	N.A.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory Conditional Dependant Optional**	**Format**	**Name**	**Description Qualifiers in notation marks**
1	2	3	4	5	6	7
	CNT		**M**		**Contral total**	**Controle totaal**
	C270		**M**		Control total type code qualifier	Control
	6069		**M**	an..3	Control total value	"16"
	6066		**M**	n..18	Control total value	Total amount of containers in the message
	6411			an..3	Measurement unit code	n.a.
	RFF		**C**		REFERENCE	**Reference to the inland transport instruction**
	C506		**M**		REFERENCE	Reference
	1153		**M**	an..3	Reference code qualifier	"TON" , inland transport order number
	1154		**M**	an..70	Reference identifier	(an..35) Reference number of the transport instruction
	1156			an..6	Document line identifier	n.a.
	4000			an..35	Reference version identifier	n.a..
	1060			an..6	Revision identifier	n.a.
	RFF		**M**		REFERENCE	**Reference to the transport instruction of the consignor**
	C506		**M**		REFERENCE	Reference
	1153		**M**	an..3	Reference code qualifier	"CN",
	1154		**M**	an..70	Reference identifier	(an..35) Reference number of the transport order
	1156			an..6	Document line identifier	n.a.
	4000			an..35	Reference version identifier	n.a.
	1060			an..6	Revision identifier	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	RFF		**D**		REFERENCE	**Reference to the message for which the current message is a replacement only in case of a modification or cancelation**
	C506		**M**		REFERENCE	Reference
	1153		**M**	an..3	Reference code qualifier	"ACW"
	1154		**M**	an..70 (an15)	Reference identifier	Message reference number of the previous (modified) message
	1156			an..6	Document line identifier	n.a..
	4000			an..35	Reference version identifier	n.a.
	1060			an..6	Revision identifier	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	TDT		**M**		**DETAILS OF TRANSPORT**	Specification of the means of transport, the **naming vessel within a convoy** (a single vessel without barge is also a convoy in this context)
	8051		**M**	an..3	Transport stage code qualifier	"1" Inland Transport
	8028		**M**	an..17	Conveyance reference number	Voyage number provided by the barge operator to the skipper
	C220		**M**		MODE OF TRANSPORT	Transport mode
	8067		**M**	an..3 (an1)	Mode of transport, coded	"8" for Inland water transport"
	8066		**C**	an..17	Mode of transport	n.a.
	C228				TRANSPORT MEANS	
	8179			an..8	Type of means of transport identification, **convoy type**	n.a.
	8178			an..17	Type of means of transport	n.a.
	C040		**V**		CARRIER	
	3127		**V**	an..17	Carrier identification	Barge operator, service identification
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a
	3128			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.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	7130			an..17	Customer authorization number	n.a.
	C222		**V**		TRANSPORT IDENTIFICATION	
	8213		**V**	an..9 (an7..8)	ID. of means of transport identification	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication
	1131		**V**	an..17	Code list qualifier	"OFS" for a Official Ship Number of CCNR system, see business terms, section 6.5 No 1 "IMO" for an IMO-number, see business terms, section 6.5 No 2 "ENI" for an European Vessel identification number, see business terms section 6.5 No 3 "ERN" for all other ships (Electronic Reporting International Number), see business terms, section 6.5 No 4
	3055			an..3	Code list responsible agency	n.a.
	8212		**V**	an..35	Id. Of the means of transport	**Name of the ship;** If the name results in more than 35 positions, the name of the vessel is shortened
	8453			an..3	Nationality of means of transport	n.a.
	8281			an..3	Transport ownership	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
TDT	**LOC(1)**	**2**	**V**		**PLACE/LOCATION IDENTIFICATION**	**Port of departure (Port where the transport starts)**
	3227		**V**	an..3	Place / location qualifier	"88", Place of receipt
	C517		**V**		LOCATION IDENTIFICATION	
	3225		**V**	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16 UNLOCODE) of the port, see business terms, section 6.5 No 9
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224			an..256	Place / location	n.a.
	C519				RELATED LOCATION ONE IDENTIFICATION	n.a.
	3223			an..25	Related place / location one identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	n.a.
	C553				RELATED LOCATION TWO IDENTIFICATION	n.a.
	3233			an..25	Related place / location two identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3232			an..70	Related place / location two	n.a.
	5479			an..3	Relation	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
TDT/LOC	**DTM**	**2**	**C**		**DATE / TIME / PERIOD**	**Estimated / Planned time of departure from port of departure**.
	C507		**M**		DATE / TIME / PERIOD	
	2005		**M**	an..3	Date or time or period function code qualifier	“133” for departure date/time, estimated
	2380		**M**	an..35	Date or time period value	ETD Time of departure: CCYYMMDDHHMM
	2379		**M**	an..3	Date or time or period format code	“203”

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
TDT	**LOC(2)**	**1**	**M**		**PLACE/LOCATION IDENTIFICATION**	**Port of destination**
	3227		**M**	an..3	Place / location qualifier	"7",
	C517		**M**		LOCATION IDENTIFICATION	
	3225		**M**	an..25 (an5)	Place / location identification	UN/ECE Location code (Rec. 16 UNLOCODE) of the port, see business terms, section 6.5 No 9
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3224			an..256	Place / location	n.a.
	C519				RELATED LOCATION ONE IDENTIFICATION	n.a.
	3223			an..25	Related place / location one identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3222			an..70	Related place / location one	n.a.
	C553				RELATED LOCATION TWO IDENTIFICATION	n.a.
	3233			an..25	Related place / location two identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3232			an..70	Related place / location two	n.a.
	5479			an..3	Relation	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
TDT/LOC	**DTM**	**2**	**C**		**DATE / TIME / PERIOD**	**Estimated / Planned time of arrival at port of destination**
	C507		**V**		DATE / TIME / PERIOD	
	2005		**V**	an..3	Date or time or period function code qualifier	“132” for arrival time, estimated
	2380		**V**	an..35	Date or time period value	ETA Time of arrival: CCYYMMDDHHMM
	2379		**V**	an..3	Date or time or period format code	“203”

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	NAD	**1**	**M**		**NAME and ADDRESS**	name and address of **message sender**
	3035		**M**	an..3	Party function code qualifier	"MS" for Message sender
	C082				PARTY IDENTIFICATION DATAILS	
	3039		**M**	an..35	Party identification	Identification code of the sender
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	C080				PARTY NAME	
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3045			an..3	Party name format, coded	n.a.
	C059				STREET	
	3042			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 /	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
					p.o. box	
	3042			an..35	Street and number / p.o. box	n.a.
	3164			an..35	STREET	
	C819					n.a.
	3229		**O**	an..9	Postcode identification	n.a.
	1131			an..17	Country	n.a.
	3055			an..3	n.a.	n.a.
	3228		**O**	an..70	Country sub-entity name	n.a.
	3251		**O**	an..9	postcode identification	n.a.
	3207		**O**	an..3	Country	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	GID	**1**	**M**		**GOODS ITEM DETAILS**	**Sequence number of the good within the cargo one GID segment is related to one packing type.**
	1496		**M**	n..5	Goods item number	Sequence number of the good
	C213				NUMBER AND TYPE OF PACKAGES	
	7224		**C**	n..8	Number of packages	Number of packages
	7065		**M**	an..17	Type of packages identification	(an..5) type of packages
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	7064			an..35	Type of packages	Type of packages text
	7233			an..3	Packaging related information, coded	n.a.
	C213				NUMBER AND TYPE OF PACKAGES	
	7224			n..8	Number of packages	n.a.
	7065			an..17	Type of packages identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	7064			an..35	Type of packages	n.a.
	7233			an..3	Packaging related information	n.a.
	C213				NUMBER AND TYPE OF PACKAGES	
	7224			n..8	Number of packages	n.a.
	7065			an..17	Type of packages identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	7064			an..35	Type of packages	n.a.
	7233			an..3	Packaging related information	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	C213				NUMBER AND TYPE OF PACKAGES	
	7224			n..8	Number of packages	n.a.
	7065			an..17	Type of packages identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	7064			an..35	Type of packages	n.a.
	7233			an..3	Packaging related information	n.a.
	C213				NUMBER AND TYPE OF PACKAGES	number and type of inner packages
	7224			n..8	Number of packages	n.a.
	7065			an..17	Type of packages identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	7064			an..35	Type of packages	n.a.
	7233			an..3	Packaging related information	n.a.
GID	**FTX**	**2**	**C**		**FREE TEXT**	**Goods description of non dangerous cargo** **When the NST statistical code is provided the name of the goods is obligatory.**
	4451		**M**	an..3	Text subject code qualifier	"AAA" for goods description
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441			an..17	Free text identification	
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		**M**		TEXT LITERAL	

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	4440		**C**	an..512	Free text	Name of the goods
	4440		**C**	an..512 (n6)	Free text	NST(R) code of the goods
	4440		**C**	an..512 (n10)	Free text	HS code of the goods
	4440			an..512	Free text	n.a.
	4440			an..512	Free text	n.a.
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
GID	**FTX(2)**		**C**		**FREE TEXT**	**In these fields the modifications can be indicated this segment is only used whenever the message contains changes.**
	4451		**M**	an..3	Text subject code qualifier	"CHG" Note contains change information. See business terms for usage guidelines
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	Bijlage A
	4441			an..17	Free text identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		**M**		TEXT LITERAL	Bijlage B
	4440		**C**	an..512	Free text	Structured information about the changes. The final amount is the sum of the following codes: 1 = Packing number / packing type code 2 = Name of the good / NSTR / HS of the non dangerous goods 4 = Document code / number / amount / date of issue 8 = Container reference number / number of packages 16 = Gross weight of the goods in container 32 = Dangerous goods particulars, This element is mandatory if the change concerns a change in the GID segment, Example if only the weight changes the result of the summation would be 16. However when packing and weight are

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
						changed the result would be “17”
	4440		**M**	an.. 512	Free text	Indication of the type of change to the GID: “2” = Addition of the GID group “3” = Deletion of the GID group “4” = Change in the GID group
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.
GID	**DOC**	**2**	**C**			**Accompanying documents**
	C002		**M**			Document name
	1001		**M**	an..3		Document code, see
	1131			an..17		n.a.
	3055			an..3		n.a.
	1000			an..35		n.a.
	C503		**C**			Details
	1004		**M**	an..35		Document number
	1373			an..3		n.a.
	1366			an..70		n.a.
	3453			an..3		n.a.
	1056			an..9		n.a.
	1060			an..6		n.a.
	3153			an..3		n.a.
	1220		**C**	n..2		Document amount
	1218			n..2		n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
GID/DOC	**DTM**	**3**	**C**		**DATE / TIME / PERIOD**	**Date of issue**
	C507		**M**		DATE / TIME / PERIOD	Bijlage C
	2005		**M**	an..3	Date or time or period function code qualifier	"137"
	2380		**M**	an..35	Date or time period value	Date of issue : CCYYMMDD
	2379		**M**	an..3	Date or time or period format code	"102"
GID	**SGP**	**2**	**C**		**SPLIT GOODS PLACEMENT**	**Specification of the location of the cargo within the means of transport**
	C237		**M**		EQUIPMENT IDENTIFICATION	
	8260		**M**	an..17	Equipment identification number	Container Reference Number to be matched with the applicable container reference number in the EQD Segment group
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3207			an..3	Country	n.a.
	7224		**C**	n..8	Number of packages	Number of packages within the specified container

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
GID/SGP	**MEA**	**3**	**C**		**MEASUREMENTS**	**Specification of the weight of the good in the container**
	6311		**M**	an..3	Measurement purpose qualifier	"AAE" = transport gewicht
	C502		**M**		MEASUREMENT DETAILS	
	6313		**M**	an..3	Property measured	"G" = Gross weight of goods including packing but excluding equipment (e.g. Containers)
	6321			an..3	Measurement significance	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		**M**		VALUE/RANGE	
	6411		**M**	an..3	Measurement unit qualifier	"KGM" for kilogram (UN/ECE Rec. 20)
	6314		**M**	an..18	Measurement value	Weight of the good in this container.
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.

Table 1: IFTMIN BICS

Segment Group	Segment Composite data element (C) Data element TAG	Level	Mandatory Conditional Dependant Optional	Format	Name	Description Qualifiers in notation marks
1	2	3	4	5	6	7
GID	**DGS**	**2**	**M**		**DANGEROUS GOODS**	**Dangerous goods identification**
	8273		**M**	an..3	dangerous goods regulations	"ADN" for inland waterway vessels (CCNR / ADN(R) "IMD" for sea going vessels (IMO / IMDG code)
	C205		**M**		HAZARD CODE	
	8351		**M**	an..7	Hazard code identification	ADN(R) or IMDG code Dangerous goods classification
	8078		**C**	an..7	Additional hazard classification identifier	ADN(R) Danger Classification code, Mandatory for ADNR reporting .
	8092			an..10	Hazard code version number	n.a.
	C234		**M**		UNDG INFORMATION	
	7124		**M**	n4	UNDG number	**UN number** (UNDG code), see business terms, section 6.5 No 6
	7088			an..8	Dangerous goods flashpoint	n.a.
	C223		**D**		DANGEROUS GOODS SHIPMENT FLASHPOINT	Flashpoint
	7106		**M**	n..3	Shipment flashpoint	**Flashpoint** of the good transported
	6411		**M**	an..3	Measure unit qualifier	"CEL" for Celsius "FAH" for Fahrenheit .
	8339		**C**	an..3	Packing group	"1" for great danger "2" for medium danger "3" for minor danger ..
	8364			an..6	EMS number	n.a.
	8410			an..4	MFAG number	n.a.
	8126			an..10	TREM card number	n.a.
	C235				HAZARD IDENTIFICATION PLACARD DETAILS	
	8158			an..4	Hazard identification number, upper part	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	8186			an4	Substance identification number, lower part	n.a.
	C236					
	8246			an..4	Dangerous goods label marking	n.a.
	8246			an..4	Dangerous goods label marking	n.a.
	8246			an..4	Dangerous goods label marking	n.a.
	8255			an..3	Packing instruction	n.a.
	8325			an..3	Category of means of transport	n.a.
	8211			an..3	Permission for transport	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
GID/DGS	**FTX**	**3**	**M**		**FREE TEXT**	**Dangerous good description**
	4451		**M**	an..3	Text subject code qualifier	"AAD" for dangerous goods, **technical** name
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441			an..17	Free text identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		**M**		TEXT LITERAL	
	4440		**M**	an..512 (an..(50)	Free text	Name of dangerous good (**proper shipping** name)
	4440			an.. 512	Free text value	n.a.
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	EQD		**M**		**EQUIPMENT DETAILS**	**Specification of the containers**
	8053		**M**	an..3	Equipment type code qualifier	"CN" = Container such as defined by the ISO for transport purposes
	C237		**C**		EQUIPMENT IDENTIFICATION	
	8260		**M**	an..17	Equipment identification number	**Container identification** code (owner code, identifier, serial number. check digit), see Business Terms, section 6.5 No 13
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	3207			an..3	Country	n.a.
	C224		**M**		EQUIPMENT SIZE AND TYPE	
	8155		**M**	an..10 (an..4)	Equipment size and type identification,	Container Size / Type (ISO 6364 chapter 4 and section 6.5 No 11)
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	8154			an..35	Equipment size and type	n.a.
	8077			an..3	Equipment supplier	n.a.
	8249			an..3	Equipment status	n.a.
	8169		**M**	an..3	Full / empty indicator	Container **status**: "5" for loaded, "4" for empty,

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**MEA**	**2**	**C**		**MEASUREMENTS**	**Weight of the empty container**
	6311		**M**	an..3	Measurement purpose qualifier	"AAE"
	C502		**M**		MEASUREMENT DETAILS	Bijlage D
	6313		**M**	an..3	Property measured	"T" = Tarra
	6321			an..3	Measurement significance, coded	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		**M**		VALUE/RANGE	
	6411		**M**	an..3	Measurement unit qualifier	"KGM" Unit is kilogramme
	6314		**M**	an..18	Measurement value	Weight
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	MEA		**C**	**EQD**	**MEASUREMENTS**	**Total weight of the container if with cargo including container weight**
	6311		**M**	an..3	Measurement purpose qualifier	"AAE"
	C502		**M**		MEASUREMENT DETAILS	
	6313		**M**	an..3	Property measured	"G" = Gross weight
	6321			an..3	Measurement significance, coded	n.a.
	6155			an..17	Measurement attribute identification	n.a.
	6154			an..70	Measurement attribute	n.a.
	C174		**M**		VALUE/RANGE	Wa
	6411		**M**	an..3	Measurement unit qualifier	"KGM" Unit of measure is kilogramme
	6314		**M**	an..18	Measurement value	Weight
	6162			n..18	Range minimum	n.a.
	6152			n..18	Range maximum	n.a.
	6432			n..2	Significant digits	n.a.
	7383			an..3	Surface / layer indicator	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**DIM**	**2**	**C**		**Dimensions**	**Off standard dimension the dimension qualifier indicates: per DIM segment only one off standard indication should be given**
	6145		**M**	an..3	**Dimension qualifier**	Off standard dimension applicable to each unit : "5" = off standard front "6" = off standard back "7" = off standard width right "8" = off standard width left "9" = off standard height
	C211		**M**		**DIMENSIONS**	unit
	6411		**M**	an..3	**Measure unit qualifier**	"CMT" = Centimetres
	6168		**C**	n..15	**Length dimension**	Extra length back or front
	6140		**C**	n..15	**Width dimension**	Extra width left or right
	6008		**C**	n..15	**Height dimension**	Extra height
EQD	**SEL**	**2**	**C**		**Seal number**	**Seal number**
	9308		**M**	an..35	Seal identifier	(an..10) Seal nr. carrier
	C215		**C**		SEAL ISSUER	Issuing agency
	9303		**M**	n..3	Sealing party name code	"CA" = Carrier
	1131			an..17	Code list identification code	n.a.
	3055			an..3	Code list responsible agency code	n.a.
	9302			an..35	Sealing party name	n.a.
	4517			an..3	Seal condition code	n.a.
	C208				IDENTITY NUMBER RANGE	
	7402			an..35	Object identifier	n.a.
	7402			an..35	Object identifier	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**TMP**	**2**	**C**		**Temperature**	**Set Temperature**
	6245		**M**	an..3	Temperature type code qualifier	"2" = Transport temperature
	C239		**M**		TEMPERATURE SETTING	
	6246		**M**	n..15	Temperature value	(n..3) Temperature
	6411		**M**	an..3	Measurement unit code	"CEL" = Celsius
EQD/TMP	**RNG**	**3**	**C**		**Range details**	**Range of the set temperature**
	6167		**M**	an..3	Range type code qualifier	"5" = Temperature range
	C280		**M**		RANGE	Range
	6411		**M**	an..3	Measurement unit code	"CEL" = Celsius
	6162		**M**	n..18	Range minimum value	Minimum temperature
	6152		**M**	n..18	Range maximum value	Maximum temperature

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**FTX**	**2**	**C**		**FREE TEXT**	**Instructions**
	4451		**M**	an..3	Text subject code qualifier	"HAN" Instruction how specified goods, packages or containers should be handled.
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	Text reference
	4441		**M**	an..17	Free text identification	"SCY" = Seal inspection required "SCN" = Seal inspection not required "CCY" = Customs handling to be arranged "CCN" = Do not arrange customs handling. "CF0" = Cool and reefer cargo not under Interfrigo conditions "CF1" = Isolated transport under Interfrigo conditions "CF2" = Mechanical cooling under Interfrigo conditions
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		**C**		TEXT LITERAL	Tekst
	4440		**M**	an..512	Free text	(an..70) Cool instructions text
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**FTX**	**2**	**C**		**FREE TEXT**	**Special instructions**
	4451		**M**	an..3	Text subject code qualifier	"SIN", Special instructions
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	Text Reference
	4441			an..17	Free text identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		**M**		TEXT LITERAL	Text
	4440		**M**	an..512	Free text	Additional Special instructions: "AB" = Away from boiler "OD" = On deck "TS" = Top stowage "UD" = Under deck "UT" = Under deck top "UW" =Under waterline "OT" = On decktop "EO" = Except on decktop "OP" = On deck protected "KC" = Keep cool "AL" = Away from living quarters "BC" = Block stowage "AF" = Away from foodstuffs "NO" =Not overstow "BD" = Bundled "DM" = Damaged mt "SW" = Sweeper "ER" = Escort required "DR" = Dry reefer "HT" = Hangertainer "DO" = Doors open

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
						"MB" = Mailbox
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
GID	**FTX**		**D**		**FREE TEXT**	**In these fields the modifications can be indicated this segment is only used whenever the message contains changes.**
	4451		**M**	an..3	Text subject code qualifier	"CHG" Note contains change information, see business terms for instruction
	4453			an..3	Free text function code	n.a.
	C107				TEXT REFERENCE	
	4441			an..17	Free text identification	n.a.
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C108		**M**		TEXT LITERAL	Tekst
	4440		**M**	an..512	Free text	Structured information about the changes. The final amount is the sum of the following codes: 1 = Container number / Type / full / empty indication 2 = container weight 4 = Special dimensions 8 = Sealnumber 16 = Set temperature/ range 32 = Instructions 64 = Extra instructies 128 = Reference bundelnumber 256 = Container sequence number reference 512 = Instruction acceptatance reference 1024 = Order for clearance reference 2048 = load terminal / loading date 4096 = discharge terminal /

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
						discharge date 8196 = Means of transport data this element is obligatory if the change is part of the EQD group.
	4440		**M**	an.. 512	Free text	Indication of the type of changes: “2” = addition of an EQD group. “3” = deletion of an EQD group “4” = changes of an EQD group
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	4440			an.. 512	Free text	n.a.
	3453			an..3	Language	n.a.
	4447			an..3	Text formatting	n.a.
EQD	**RFF**		**C**		REFERENCE	**Reference number of a bundled group of containers**
	C506		**M**		REFERENCE	Reference
	1153		**M**	an..3	Reference code qualifier	“BU”
	1154		**M**	an..70	Reference identifier	(an..35)
	1156			an..6	Document line identifier	n.a.
	4000			an..35	Reference version identifier	n.a.
	1060			an..6	Revision identifier	n.a.
EQD	**RFF**		**C**		REFERENCE	**Container sequence number**
	C506		**M**		REFERENCE	
	1153		**M**	an..3	Reference code qualifier	“SQ” equipment sequence number
	1154		**M**	an..70 (an..35)	Reference identifier	Sequence number
	1156			an..6	Document line identifier	n.a.
	4000			an..35	Reference version identifier	n.a.
	1060			an..6	Revision identifier	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**RFF**		**C**		REFERENCE	**Instruction accetance reference**
	C506		**M**		REFERENCE	
	1153		**M**	an..3	Reference code qualifier	"CAO"
	1154		**M**	an..70	Reference identifier	(an..35) Acceptance reference number
	1156			an..6	Document line identifier	n.a.
	4000			an..35	Reference version identifier	n.a.
	1060			an..6	Revision identifier	n.a.
EQD	**RFF**		**C**		REFERENCE	**Order for clearance reference**
	C506		**M**		REFERENCE	
	1153		**M**	an..3	Reference code qualifier	"REO"
	1154		**M**	an..70 (an..35)	Reference identifier	Release Reference number
	1156			an..6	Document line identifier	n.a.
	4000			an..35	Reference version identifier	n.a.
	1060			an..6	Revision identifier	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**RFF**		**M**		REFERENCE	**Container reference number of the sender / operator (originator)**
	C506		**M**		REFERENCE	
	1153		**M**	an..3	Reference code qualifier	"ABO" Originator reference a reference assigned by the originator of the container. See business terms, section 6.5 No 11
	1154		**M**	an..70	Reference identifier	(an..17) Unique reference consisting of sender identification followed by a number If for this container a GID group exists this number should appear in that group
	1156			an..6	Document line identifier	n.a.
	4000			an..35	Reference version identifier	n.a.
	1060			an..6	Revision identifier	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**NAD**		**M**		**NAME and ADDRESS**	**Load terminal**
	3035		**M**	an..3	Party function code qualifier	"PW" Despatch party
	C082				PARTY IDENTIFICATION DATAILS	
	3039		**M**	an..35 (an5..15)	Party identification	UNLOCODE plus Terminal code, See business terms, section 6.5 No 10
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	C080				PARTY NAME	
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3045			an..3	Party name format, coded	n.a.
	C059				STREET	Adres
	3042			an..35	Street and number / p.o. box	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	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			an..35	STREET	n.a.
	C819				Name and address Line	
	3229			an..9	Name and address Line	n.a.
	1131			an..17	Name and address Line	n.a.
	3055			an..3	Name and address Line	n.a.
	3228			an..70		n.a.
	3251			an..9	postcode identification	n.a.
	3207			an..3	Country	n.a.
EQD/NAD	**DTM**		**C**		**DATE / TIME / PERIOD**	**Date of loading**
	C507		**M**		DATE / TIME / PERIOD	
	2005		**M**	an..3	Date or time or period function code qualifier	“CPA”
	2380		**M**	an..35	Date or time period value	Time of loading: CCYYMMDDHHMM
	2379		**M**	an..3	Date or time or period format code	“203”

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**NAD**		**M**		**NAME and ADDRESS**	**Discharge terminal**
	3035		**M**	an..3	Party function code qualifier	"DP" Delivery party
	C082				PARTY IDENTIFICATION DATAILS	Terminal identifier
	3039		**M**	an..35 (an5..15)	Party identification	UN-Locode plus terminal code, See business terms, section 6.5 No 10
	1131			an..17	Code list qualifier	n.a.
	3055			an..3	Code list responsible agency	n.a.
	C058				NAME AND ADDRESS	
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	3124			an..35	Name and address line	n.a.
	C080				PARTY NAME	
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3036			an..35	Party name	n.a.
	3045			an..3	Party name format, coded	n.a.
	C059				STREET	
	3042			an..35	Street and number / p.o. box	n.a.

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
	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			an..35	STREET	n.a.
	C819				Country sub-entity identification	
	3229			an..9	Postcode identification	n.a.
	1131			an..17	Country	n.a.
	3055			an..3	n.a.	n.a.
	3228			an..70	Country sub-entity name	n.a.
	3251			an..9	postcode identification	n.a.
	3207			an..3	Country	n.a.
EQD/NAD	**DTM**	**3**	**C**		**DATE / TIME / PERIOD**	**Discharge date**
	C507		**M**		DATE / TIME / PERIOD	
	2005		**M**	an..3	Date or time or period function code qualifier	“CPD”
	2380		**M**	an..35	Date or time period value	Time of discharge operation: CCYYMMDDHHMM
	2379		**M**	an..3	Date or time or period format code	“203”

Table 1: IFTMIN BICS						
Segment Group	**Segment** **C**omposite data element (C) Data element **TAG**	**Level**	**Mandatory** **Conditional** **Dependant** **Optional**	**Format**	**Name**	**Description** **Qualifiers in notation marks**
1	2	3	4	5	6	7
EQD	**EQA**	**2**	**C**		**Attached equipment**	**Transportmiddel gegevens**
	8053		**M**	an..3	Equipment type code qualifier	"RG" = Reefer Generator "TE" = Trailer "BR" = Barge
	C237		**C**		EQUIPMENT IDENTIFICATION	
	8260		**M**	an..17	Equipment identifier	Vessel **number**: 7 digits for OFS or IMO indication, 8 digits for ERN indication and unique European vessel identification number
	1131		**M**	an..17	Code list identification code	"OFS" for a Official Ship Number of CCNR system, see business terms, section 6.5 No 1 "IMO" for an IMO-number, see business terms, section 6.5 No 2 "ENI" for an ENI-number, see business terms, section 6.5 No 3 "ERN" for all other ships (Electronic Reporting International Number), see business terms, section 6.5 No 4
	3055			an..3	Code list responsible agency code	n.a.
	3207			an..3	Country name code	n.a.
	UNT		**M**		**MESSAGE TRAILER**	**End and control of completeness of the message**
	0074		**M**	n..6	Number of segments in a message	
	0062		**M**	an..14	Message reference Number	First 14 positions of the message reference number
	UNZ		**M**		**INTERCHANGE TRAILER**	**End and control of the interchange**
	0036		**M**	n..6	Interchange control count	"1" for number of messages contained in the interchange
	0020		**M**	an..14	Interchange control reference	First 14 positions of the message reference number

6. Business Terms

6.1 Usage of message

The IFTMIN-BICS message is used to notify a skipper to transport goods from one or more loading terminals in an area and discharge them at one or more discharging terminals (a voyage).
The message is a so-called prenotification containing all information necessary for the skipper to arrange for the correct papers and create a safe stowage plan.
It is possible that not all containers or goods received for loading in this message are available at the time of loading and therefore cannot be loaded.

The message is based on a specialized IFTMIN message used in container transport, which is based on the standard UN IFTMIN message. The IFTMIN-BICS message contains some extra codes and segments, necessary for container transport. However, the IFTMIN-BICS message can also be used for non-containerized transport in inland waterways.

The message is used commercially and is sent between a barge operator and a skipper that will perform the specified transport order.

6.2 Message structure

The structure of the IFTMIN-BICS message is similar to the IFTMIN message, however the IFTMIN message is restricted in that it only allows the contents to transport goods from one location to another. In Inland waterway container transport, where the IFTMIN-BICS message originated, a freighter loads at one or more terminals and discharges containers at one or more terminals at the destination, or along the trip to the destination. For example, a freighter loads containers in Rotterdam and discharges them in Strasbourg/Kehl, Ottmarsheim and Basel/Weil.

The IFTMIN-BICS message added specific NAD segments to the equipment segment (segment group 37) to solve this.

Another issue is that due to the nature of container transport, container numbers might not be known at time of sending the IFTMIN-BICS message. Therefore, a special container reference number is used to link the goods (segment group 18) to the equipment group (segment group 37).

6.3 Terminal code

To specify a specific container terminal in the IFTMIN-BICS message, a terminal code is used. This terminal code (see message codes and references) is appended to the UNLocode that specifies the port. The table is maintained by Bureau Telematica Binnenvaart for the belgium, german and dutch container terminals. The code list also includes the terminals of other countries on the river rhine.

6.4 Update message usage

As the message itself, in the timeline of the scenario (see the awareness paper), is a prenotification, it is also possible to send change messages to update specific details of goods or containers to the skipper.

The following guidelines must be used for sending an IFTMIN-BICS update to the recipient.

- For updates to cargo information, add a GID/FTX segment with value CHG for 4402 and specify the change using the coded flags. Use the same GID goods item number (GID/1496) as the original message.
- Updates to equipment information, add a GID/FTX segment with value CHG for 4402 and specify the change using the coded flags. Use the container reference number of the original message to specify the correct container.
- For all messages, use value 4 (update) as code in BGM/1225
- When sending an update message, only supply the segment groups that contain the updated information. For example, if the original message contains 200 containers, and only one container must be updated, only send the EQD segment of the container that must be updated.
- Use the same common access reference code (UNH/0068) as the original message

6.5 Message Codes and references

The following message codes and references are used in the IFTMIN-BICS message.

1. Official Ship number (OFS)

FULL TITLE	Official Ship Number
ABBREVIATION	OFS
ORIGINATING AUTHORITY	Central Commisssion for the Navigation of the Rhine (CCNR)
LEGAL BASIS	§ 2.18 Rheinschiffsuntersuchungsordnung
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT	
STRUCTURE	2-digit country code (an) 5 digit register no. (an) Country codes: 01 - 19 France 20 - 39 The Netherlands 40 - 49 Germany 60 - 69 Belgium 70 - 79 Switzerland 80 - 99 Other countries
SUCCINCT DESCIRPITION	
LINKED CLASSIFICATIONS	
USAGE	Inland navigation
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	Central Commission for the Navigation of the Rhine, 2, Place de la Republique, F-67082 Strasbourg Cedex,
REMARKS	This code will in future be replaced by the European Vessel Identification number

Example

4112345	Germany, Gerda

Usage in the implementation guidelines	TDT/C222/8213 EQD/EQA/C237/8260

2. IMO Ship identification Number

FULL TITLE	IMO Ship Identification Number
ABBREVIATION	IMO No.
ORIGINATING AUTHORITY	International Maritime Organization / Lloyds
LEGAL BASIS	IMO Resolution A.600(15), SOLAS chapter XI, regulation 3
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT	Updated daily
STRUCTURE	Lloyd´s Register of Shipping (LR) number (seven digits).
SUCCINCT DESCRIPITION	The IMO Resolution aims at assigning a permanent number to each ship for identifying purposes.
LINKED CLASSIFICATIONS	
USAGE	For seagoing ships
MEDIA THROUGH WHICH AVAILABLE	www.ships-register.com.
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	International Maritime Organization 4 Albert Embankment London SE1 7SR United Kingdom

Example

Vessel dwt 2774 Danchem East 9031624

Usage in the implementation guidelines

TDT/C222/8213
EQD/EQA/C237/8260

3. Unique European vessel identification number

FULL TITLE	Unique European vessel identification number
ABBREVIATION	ENI
ORIGINATING AUTHORITY	European Union
LEGAL BASIS	Directive 2005/44/EC
CURRENT STATUS	
IMPLEMENTATION DATE	First of April 2007
LIMIT OF OPERATIONAL LIFE	
AMENDMENT	Continuously
STRUCTURE	8-digit-number
SUCCINCT DESCRIPTION	The Unique European navigation identification or the unique European vessel identification number aims at assigning a permanent number to each hull for identifying purposes.
LINKED CLASSIFICATIONS	IMO Number, ERN number, OFS number
USAGE	In Electronic Ship Reporting, Tracking and Tracing and certification of vessels for inland vessels
MEDIA THROUGH WHICH AVAILABLE	Competent authorities shall keep a register access will be granted to competent authorities of other Member States, Contracting States of the Mannheim Convention and to other parties based on administrative agreements
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	EU memberstate
REMARK	The unique European Vessel Identification Number ENI consists of eight Arabic numerals. The first three digits are the code of the assigning competent authority. The next five digits are a serial number. See Annex I of Part IV

Example
12345678

Usage in the implementation guidelines TDT, EQD (V1 and V2-V15)
CNI/GID and
CNI/GID/DGS, Tag 1311

4. Electronic Reporting Number (for Ship identification) ERN

FULL TITLE	Electronic Reporting Number (for ship identification)
ABBREVIATION	ERN
ORIGINATING AUTHORITY	Rijkswaterstaat, The Netherlands
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
LIMIT OF OPERATIONAL LIFE	
AMENDMENT	
STRUCTURE	8-digit number
SUCCINCT DESCRIPITION	
LINKED CLASSIFICATIONS	
USAGE	In Electronic Ship Reporting (ERI) for ships which do not have an OFS nor an IMO number
MEDIA THROUGH WHICH AVAILABLE	www.risexpertgroups.org
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	ERI-helpdesk@risexpertgroups.org
REMARK	This code will in future be replaced by the European Vessel Identification number

Example

12345678 Renate

Usage in the implementation guidelines

TDT/C222/8213
EQD/EQA/C237/8260

5. Harmonized System Code (HS)

FULL TITLE	Harmonized Commodity Description and Coding System 2002
ABBREVIATION	HS 2002; Harmonized System 2002
ORIGINATING AUTHORITY	World Customs Organization
LEGAL BASIS	International Convention on the Harmonized Commodity Description and Coding System
CURRENT STATUS	Operational
IMPLEMENTATION DATE	1-1-2001
AMENDMENT	In principle revised every four years; next revision is planned to come in force on 01.01.07
STRUCTURE	7,466 headings, organized in four hierarchical levels Level 1: sections coded by Roman numerals (I to XXI) Level 2 chapters identified by two-digit numerical codes Level 3: headings identified by four-digit numerical codes level 4: sub-headings identified by six-digit numerical code
SUCCINCT DESCRIPITION	HS Convention is a classification of goods by criteria based on raw material and the stage of production of commodities. HS is the heart of the whole process of harmonization of international economic classifications being jointly conducted by the United Nations Statistics Division and Eurostat. Its items and sub-items are the fundamental terms on which industrial goods are identified in product classifications. Objectives: to harmonize a) external trade classifications to guarantee direct correspondence; and b) countries external trade statistics and to guarantee that these are comparable internationally.
LINKED CLASSIFICATIONS	Combined Nomenclature (CN): full agreement on six-digit-level; chapter 6 of this part of the Guide
USAGE	Products
MEDIA THROUGH WHICH AVAILABLE	World Customs Organization Rue de l´industrie, 26-39 B-1040 Brussels www.wcoomd.org Customs Co-operation Council, Brussels
LANGUAGES	Dutch, English, French, German etc.
ADDRESS OF RESPONSIBLE AGENCY	A subset of the codes used for electronic reporting will be maintained through The ERI Expert group
REMARKS	The HS classification is further disaggregated at European Union level into a classification called Combined Nomenclature (CN)

Example	730110	Sheet piling of iron or steel
	310210	Mineral or chemical fertilisers, ammonium sulphate
Usage in the implementation guidelines		GID/FTX(1)/C108/4440

6. UN Dangerous Goods Number (UNDG)

FULL TITLE	UN Recommendations on the Transport of Dangerous Goods Annex "Model Regulations" Part 3 "Dangerous Goods List" Appendix A "List of generic and N.O.S. proper shipping names"
ABBREVIATION	UN Model Regulations; UNDG
ORIGINATING AUTHORITY	UNECE
LEGAL BASIS	
CURRENT STATUS	operational
IMPLEMENTATION DATE	as of 1956, the model regulations 1996
AMENDMENT	
STRUCTURE	4 digit numerical code
SUCCINCT DESCRIPITION	The UN recommendations on the Transport of Dangerous Goods address the following main areas: - List of dangerous goods most commonly carried and their identification and classification; - Consignment procedures; - Standards for packaging, test procedures and certification - Standards for multi-modal tank-containers, test procedures and certification.
LINKED CLASSIFICATIONS	IMDG code
USAGE	Transport of dangerous goods
MEDIA THROUGH WHICH AVAILABLE	http://www.unece.org/trans/danger/publi/unrec/ It is mandatory to add or change the used codes whenever this is indicated through the updates provided by the maintenance agency
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	Transport Division United Nations Economic Commission for Europe Palais des nations CH-1211 Geneve 10 www.unece.org
REMARKS	In this standard only the 4-digit UN number is used (not class and division)

Example	
1967	Gas sample, non-pressurised, toxic
Usage in the implementation guidelines	GID/DGS/C234/7124

7. International Maritime Dangerous Goods Code (IMDG)

FULL TITLE	International Maritime Dangerous Goods Code
ABBREVIATION	IMDG Code
ORIGINATING AUTHORITY	International Maritime Organization IMO
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	18- May 1965
AMENDMENT	01.01.2001 (30th amendment) approximately every 2 years
STRUCTURE	2-digit numerical code: 1-digit numerical for class 1-digit numerical for division
SUCCINCT DESCRIPITION	The IMDG code governs the vast majority of shipments of hazardous material by water. The code is recommended to governments for adoption as the basis for national regulations in conjunction with the SOLAS convention.
LINKED CLASSIFICATIONS	The code is based on the UN Recommendations on the Transport of Dangerous Goods (UNDG)
USAGE	Maritime transport of dangerous and harmful goods
MEDIA THROUGH WHICH AVAILABLE	www.imo.org
LANGUAGES	Dutch, English, French, German
ADDRESS OF RESPONSIBLE AGENCY	International Maritime Organization 4 Albert Embankment London SE1 7SR United Kingdom
REMARKS	For inland shipping the IMO code can be used as this code is often already known where necessary an ADN/R code corresponding with the IMDG code should be inserted

Example

32	Flammable liquid, not otherwise specified (Ethanol)

Usage in the implementation guidelines	GID/DGS/C205/8351

8. ADN/R

FULL TITLE	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure du Rhin
ABBREVIATION	ADN /R/D
ORIGINATING AUTHORITY	Central Commission for the Navigation on the Rhine
LEGAL BASIS	
CURRENT STATUS	Operational
IMPLEMENTATION DATE	Operational
AMENDMENT	regularly every two years as indicated
STRUCTURE	For goods on dry cargo vessel: -- UN number -- Name of the substance (acc. to table A of part 3 of ADNR) -- Class -- Danger classification code -- Packing group -- Hazard Identification placard (label) For goods on tank vessels -- UN number -- Name of substance (acc. to table C of part 3 of ADNR) -- Class -- Packing group
SUCCINCT DESCRIPITION	The ADN= the European Agreement concerning the international carriage of Dangerous Goods by Inland Waterways which will replace the various regional Agreements.
LINKED CLASSIFICATIONS	ADN, ADR
USAGE	Transport of dangerous goods in inland navigation
MEDIA THROUGH WHICH AVAILABLE	www.ccr-zkr.org http://www.unece.org/trans/danger/publi/adn/adn_treaty.html
LANGUAGES	Dutch, French, German
ADDRESS OF RESPONSIBLE AGENCY	Central Commission for the Navigation on the Rhine, 2, Place de la Republique, F-67082 Strasbourg Cedex
REMARKS	The ADN agreement, the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) (5 Contracting States, is presently not yet in force but the provisions are applicable on the Rhine (ADNR) and on the Danube (ADND). The 2007 edition of ADR/RID/ADN will be harmonized with the 14th revised edition of the UN Model Regulations and will enter into force as from 1 January 2007.

Example

for dry cargo vessel:	for tank vessel:
1203; petrol; 3; F1; III; 3	1203;petrol; 3; ;III ;
Usage in the implementation guidelines	GID/DGS/C205/8078

9. UN Location Code UN/LOCode

FULL TITLE	UN Code for Trade and Transport Locations
ABBREVIATION	UN/LOCODE
ORIGINATING AUTHORITY	UNECE/CEFACT
LEGAL BASIS	UN/ECE Recommendation 16
CURRENT STATUS	Operational
IMPLEMENTATION DATE	1980
AMENDMENT	2006-2
STRUCTURE	ISO 3166-1 country code (alpha 2-digit) followed by a space and a 3-digit-alpha code for the place names (5 digits)
	Place name (a ...29)
	Subdivision ISO 3166-2, optional (a ..3)
	Function, mandatory (an5)
	Remarks, optional (an ..45)
	Geographical coordinates (000N 0000 W, 000 S 00000 E)
SUCCINCT DESCRIPITION	UN recommends a five-letter alphabetic code for abbreviating the names of locations of interest to international trade, such as ports, airports, inland freight terminals, and other locations were customs clearance of goods can take place, and whose names need to be represented unambiguously in data interchange between participants in international trade.
LINKED CLASSIFICATIONS	UN country code
USAGE	This code is used as one element in the combined location code of this standard.
MEDIA THROUGH WHICH AVAILABLE	www.unece.org/locode
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	UNECE and RIS through the ERI expert group
REMARKS	See Annex II of Part IV for combination of elements in the location code

Example

BEBRU	Belgium Brussels

Usage in the implementation guidelines

TDT/LOC (1..99)/C517/3225
EQD/NAD(1..2) /C082/3039

See:

Annex and implementation guidelines
"Definition of the revised location and terminal code"
by Ministry of Transport and public Works
Traffic and Transport Advisory Service
May 2002

10. Terminal Code

FULL TITLE	Terminal Code
ABBREVIATION FROM	
ORIGINATING FROM	Bureau telematica Binnenvaart
LEGAL BASIS	
CURRENT STATUS	Version 10.3, 31/07/2009
IMPLEMENTATION DATE	
AMENDMENT	Regularly
STRUCTURE	Unlocode (5-digit alphanumeric) Terminalcode (5-digit alphanumeric)
SUCCINCT DESCRIPITION	A further specification of a terminal within the location of the port in the country
LINKED CLASSIFICATIONS	Unlocode
USAGE	This code is used to specify a specific terminal at a port, so that the recipient knows at which specific terminal cargo (containers) have to be loaded or discharged.
MEDIA THROUGH WHICH AVAILABLE	www.binnenvaart.org
LANGUAGES	
ADDRESS OF RESPONSIBLE AGENCY	Bureau Telematica Binnenvaart
REMARKS	It is of the utmost importance that maintenance of the codes is done in such way that maximum stability and consistency is achieved to ensure that no changes are necessary apart from additions and deletions.

Example

NLRTMDDE	ECT Delta Terminal, Rotterdam, NL
DEMAIRHNMZ	Rhenania Terminal, Mainz, DE

Usage in the implementation guidelines EQD/NAD(1..2) /C082/3039

Remark 1: If there is no terminal code available, the field should be filled in with blanks (e.g. only locode is used)

Remark 2: At present, a terminal code is maintained by Bureau Telematica for Rijkswaterstaat

11. Freight Container size and type Code

FULL TITLE	Freight containers - Coding, identification and marking
ABBREVIATION	
ORIGINATING AUTHORITY	International Organisation for Standardisation (ISO)
LEGAL BASIS	ISO 6346, chapter 4 and annexes D and E
CURRENT STATUS	Operational
IMPLEMENTATION DATE	
AMENDMENT	3rd edition 1995-12-01
STRUCTURE	Container size; two alphanumeric characters(first for length, second for combination of height and width) Container type: two alphanumeric characters
SUCCINCT DESCRIPITION	Size and type codes established for each sort of containers
LINKED CLASSIFICATIONS	ISO 6346 coding identification and marking
USAGE	Whenever known and indicated in the commercial exchange of information
MEDIA THROUGH WHICH AVAILABLE	www.iso.ch/iso/en
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	http://www.bic-code.org/
REMARKS	The size type codes are displayed on the containers and as such shall be used in the electronic reporting whenever available from other exchanged information e.g. during the booking. Size Type codes shall be used as a whole i.e. the information must not be broken into its component parts (ISO 6346:1995)

Example for size

42	Length: 40 ft.; height: 8 ft. 6 in. ; width: 8 ft.

Example for type

GP	general purpose container
BU	Dry bulk container

Usage in the implementation guidelines	Where appropriate EQD segment

12. Container Reference number

FULL TITLE	Container identification code
ABBREVIATION	
ORIGINATING AUTHORITY	N.A.
LEGAL BASIS	Internal
CURRENT STATUS	Internal numbering in the IFTMIN-BICS message
IMPLEMENTATION DATE	
AMENDMENT	
STRUCTURE	Sender Identification Code Unique number
SUCCINCT DESCRIPITION	Unique reference consisting of sender identification followed by a number. If for this container one or more GID group exists, this container reference number is used in the GID group to link the good details to a container. The number is unique within a specific IFTMIN-BICS message
LINKED CLASSIFICATIONS	
USAGE	
MEDIA THROUGH WHICH AVAILABLE	
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	N.A.
REMARKS	

Example

UDEN12345	Van Uden, 12345

Usage in the implementation guidelines	GID/SGP/C237/8260 EQD/RFF(5)/C506/1154

13. Container Identification Code

FULL TITLE	Freight containers - Coding, identification and marking
ABBREVIATION	ISO Size Type codes
ORIGINATING AUTHORITY	International Organisation for Standardisation
LEGAL BASIS	ISO 6346, chapter 3, Annex A
CURRENT STATUS	Implemented throughout the world on all freight containers
IMPLEMENTATION DATE	1995
AMENDMENT	
STRUCTURE	Owner code: Three letters Equipment category identifier: one letter Serial number: six numerals Check digit: one numeral
SUCCINCT DESCRIPITION	The identification system is intended for general application, for example in documentation, control and communications (including automatic data processing systems), as well as for display on the containers themselves
LINKED CLASSIFICATIONS	ISO 668, ISO 1496, ISO 8323
USAGE	
MEDIA THROUGH WHICH AVAILABLE	www.iso.ch/iso/en http://www.bic-code.org/
LANGUAGES	English
ADDRESS OF RESPONSIBLE AGENCY	Bureau International des Conteneurs (BIC), 167 rue de Courcelles, F-75017 Paris, France http://www.bic-code.org/
REMARKS	

Example

KNLU4713308	NEDLLOYD maritime freight container with serial number 471330, (8 is the check digit)

Usage in the implementation guidelines EQD/CN/C237/8260

6.6 Definitions

Sources: UN/EDIFACT Glossary, edited by UN/ECE
(www.unece.org/trade/untdid/texts/d300_d.htm),
Transport & Logistics Glossary
COMPRIS
INDRIS
MARNIS

The following terms and definitions are used in this guide or are of interest for the IFTMIN-BICS message.

Barge means a vessel that has no propulsion of its own.

Barge Operator means the owner or manager of the ship

Code means a character string used as an abbreviated means of recording or identifying information. b) to represent or identify information using a specific symbolic form that can be recognized by a computer. [ISO TC154/SC1]

Dangerous goods means:[1]

- **goods classified in the UNDG Code,**
- **goods classified in the ADN/ADNR Code,**
- **goods classified in the IMDG Code,**

Data Element means a unit of data which, in certain context, is considered indivisible and for which the identification, description and value representation has been specified.

EDI number means the electronic address of the sender or receiver of a message (e.g. the sender and receiver of the cargo). This may be an E-mail address, an agreed identifier or e.g. a number of the European Article Numbering Association (EAN number).

Electronic Data Interchange (EDI) means the transfer of structured data by agreed standards from applications on the computer of one party to applications on the computer of another party by electronic means.

Electronic reporting international (ERI) means the endeavour to harmonise inland ship reporting in Europe, recommended by the ERI Group.

Forwarder means the party arranging the carriage of goods including connecting services and/or associated formalities on behalf of shipper and consignee.

Implementation Guidelines means a manual describing in detail how a certain standard message will be implemented and which segments, data elements, codes and references will be used and how.

[1] Source Directive 2002/59/EC

Location any named geographical place, such as a port, an inland freight terminal an airport, a container freight station, a terminal or any other place where customs clearance and/or regular receipt or delivery of goods can take place, with permanent facilities used for goods movements associated with international trade / transport and used frequently for these purposes. The location should be recognised as such by a competent national body.
Logistics The planning execution and control of the movement and placement of people and/or goods and of the supporting activities related to such movement and placement within a system organised to achieve specific objectives.

Mode of Transport method of transport used for the conveyance of goods e.g. by rail, by road, by sea, by inland waterways.

Multimodal Transport the carriage of goods (containers) by at least two different modes of transport.

Polluting goods means:[2]

- oils as defined in Annex I to the MARPOL Convention,
- noxious liquid substances as defined in Annex II to the MARPOL Convention,
- harmful substances as defined in Annex III to the MARPOL Convention.

Procedure means the steps to be followed in order to comply with a formality, including the timing, format and transmission method for the submission of required information.

Qualifier: a data element whose value shall be expressed as a code that gives specific meaning to the function of another data element or a segment. [ISO 9735]

Reference number serves to refer to or mention a relation or where applicable a restriction.

Segment (EDI): a predefined and identified set of functionally related data elements values which are identified by their sequential positions within the set. A segment starts with a segment tag and ends with a segment terminator. It can be a service segment or a user data segment.

Segment code: a code which uniquely identifies each segment as specified in a segment directory. [ISO 9735]

Shipmaster means the person on board of the ship being in command and having the authority to take all decisions pertaining to navigation and ship management. (Synonyms: captain, skipper, boat master).

Shipper see consignor

Tag: a unique identifier for a segment or data element. [ISO 9735]

Transport notification means the announcement of an intended voyage of a ship to a competent authority

UN/EDIFACT means the UN rules for Electronic Data Interchange for Administration, Commerce and Transport. They comprise a set of standards, directories and guidelines for the electronic interchange of

[2] Source directive 2002/59/EC

structured data, and in particular that related to trade in goods or services between independent computerised information systems. Recommended within the framework of the UN, the rules are approved and published by the UN/ECE in the UN Trade Data Interchange Directory (UNTDID) and are maintained under agreed procedures.

Vessel (synonym: ship): In inland navigation, this term includes also small crafts, ferry boats and floating equipment.

Voyage A transport of goods performed by a freighter (with one or more barges and/or freighters forming a convoy) loading cargo at one or more terminals in an area and discharging the cargo at one more more discharging terminals