



**UN /IFTDGN /D 03A/COMMON : Dangerous Goods
Notification Message**

PROTECT 2.0

UN/IFTDGN/D 03A: Dangerous Goods Notification Message

Message Function:

Branching Diagram:

Group	Segment	SegReq	Description
1	UNH	M/1	Message Header
10	BGM	M/1	Beginning of Message
20	DTM	C/9	Date/Time/Period
30	FTX	C/9	Free Text
40	HAN	C/1	Handling Instructions
Grp 1	RFF-DTM	C 0/3	
50	RFF	M/1	Reference
60	DTM	X	Date/Time/Period
Grp 2	TDT-DTM	M 1/1	
70	TDT	M/1	Details of Transport
80	DTM	X	Date/Time/Period
90	RFF	C/9	Reference
Grp 3	LOC-DTM	M 1/1	
100	LOC	M/1	Place/Location Identification
110	DTM	C/9	Date/Time/Period
Grp 4	NAD-COM	M 3/9	
120	NAD	M/1	Name and Address
Grp 5	CTA-COM	C 0/1	
130	CTA	M/1	Contact Information
140	COM	C/9	Communication Contact
Grp 6	EQD-MEA	X	
150	EQD	X	Equipment Details
160	MEA	X	Measurements
Grp 7	CNI-MEA	M/999	
170	CNI	M/1	Consignment Information
180	HAN	X	Handling Instructions
190	DTM	C/4	Date/Time/Period
200	LOC	C/4	Place/Location Identification
Grp 8	TDT-DTM	C 0/1	
210	TDT	M/1	Details of Transport
220	RFF	C/9	Reference
Grp 9	LOC-DTM	X	
230	LOC	X	Place/Location Identification
240	DTM	X	Date/Time/Period
Grp 10	NAD-RFF	C 0/4	
250	NAD	M/1	Name and Address

Grp 11	CTA-COM	C/1	
260	CTA	M/1	Contact Information
270	COM	C/1	Communication Contact
280	RFF	X	Reference
Grp 12	GID-MEA	M/99	
290	GID	M/1	Goods Item Details
300	FTX	X	Free Text
310	PCI	X	Package Identification
Grp 13	SGP-MEA	X	
320	SGP	X	Split Goods Placement
330	MEA	X	Measurements
Grp 14	DGS-MEA	M/1	
340	DGS	M/1	Dangerous Goods
350	FTX	M/9	Free Text
360	MEA	M/9	Measurements
370	LOC	C/99	Place/Location Identification
380	RFF	X	Reference
Grp 15	SGP-MEA	C/99	
390	SGP	M/1	Split Goods Placement
400	LOC	C/1	Place/Location Identification
410	MEA	C/2	Measurements
420	UNT	M/1	Message Trailer

UNH: Message Header

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Nesting: UNH (Seq. 1)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group
Purpose:
Remarks:

DataElem	Component	Description	Status	Usage	Format
0062		Message Reference Number	M		an..14
S009		Message Identifier	M		
	0065	Message Type <i>Fixed Value : IFTDGN</i>	M		an..6
	0052	Message Version Number <i>Fixed Value : D</i>	M		an..3
	0054	Message Release Number <i>Fixed Value : 03A</i>	M		an..3
	0051	Controlling Agency <i>Fixed Value : UN</i>	M		an..2
	0057	Association assigned code <i>Fixed Value : PROT20</i>	C		an..6
0068		Common Access Reference	C		an..35
S010		Status of the transfer	C		
	0070	Sequence of transfers	M		n..2
	0073	Message Reference Number	C		a1

BGM: Beginning of Message

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Nesting: BGM (Seq. 10)
Status (Min/Max): Mandatory /1
Purpose: Beginning of Message
Remarks:

DataElem	Component	Description	Status	Usage	Format
C002		Document/Message Name <i>Identification of a type of document/message by code or name. Code preferred.</i>	C	R	
	1001	Document name code <i>Code specifying the document name.</i> <i>Valid codes : DGN/1001</i> <i>89N Dang. Goods Notif. for all other cargo</i> <i>89T Dang. Goods Notif. for Bulk cargo in Tanker vessel</i> <i>Usage: DGN type usage</i>	C		an..3
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	1000	Document name <i>Name of a document.</i>	C	X	an..35
C106		Document/Message Identification <i>Identification of a document/message by its number and eventually its version or revision.</i>	C	R	
	1004	Document identifier <i>To identify a document.</i> <i>Usage: Message reference</i>	C	R	an..35
	1056	Version identifier <i>To identify a version.</i>	C	X	an..9
	1060	Revision identifier <i>To identify a revision.</i>	C	X	an..6
1225		Message function code <i>Code indicating the function of the message.</i> <i>Valid codes : DGN/1225P2</i> <i>1 Cancellation</i> <i>5 Replace</i> <i>9 Original</i> <i>Usage: Message function indicator</i>	C	R	an..3

*Reference Name : bgm1225***4343**

Response type code

C

X

an..3

*Code specifying the type of acknowledgment required
or transmitted.*

DTM: Date/Time/Period[Top](#)

Nesting: DTM (Seq. 20)
Status (Min/Max): Conditional /9
Usage: Required 1/1
Purpose: Date/Time/Period
Remarks:

DataElem	Component	Description	Status	Usage	Format
C507		Date/Time/Period <i>Date and/or time, or period relevant to the specified date/time/period type.</i>	M		
	2005	Date or time or period function code qualifier <i>Code qualifying the function of a date, time or period.</i> <i>Fixed Value : 137 Document/message date/time</i>	M		an..3
	2380	Date or time or period text <i>The value of a date, a date and time, a time or of a period in a specified representation.</i> <i>Usage: Message date/time</i>	C	R	an..35
	2379	Date or time or period format code <i>Code specifying the representation of a date, time or period.</i> <i>Fixed Value : 203 CCYYMMDDHHMM</i>	C	R	an..3

FTX: Free Text

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Nesting: FTX (Seq. 30)
Status (Min/Max): Conditional /9
Usage: Required 1/1 if [bgm1225](#) differs from '9'
 NOT USED if [bgm1225](#) equals '9'
Purpose: Free Text
Remarks:

DataElem	Component	Description	Status	Usage	Format
4451		Text subject code qualifier <i>Code qualifying the subject of the text.</i> Usage: <i>CHG= Change information</i> <i>Reference Name : ftx4451</i> <i>Fixed Value : CHG Change information</i>	M		an..3
4453		Free text function code <i>Code specifying the function of free text.</i>	C	X	an..3
C107		Text Reference <i>Coded reference to a standard text and its source.</i>	C	R	
	4441	Free text description code <i>Code specifying free form text.</i> <i>Usage: If 4451 = CHG: Message change remarks coded</i> <i>Valid codes : DGN/4441P2</i> <i>CAM Change or cancellation because of mistake</i> <i>CHB Change of berth</i> <i>CHM Change of mode of transport</i> <i>CAO Cancellation because operation not carried out</i> <i>CHD Change of date/times of means of transport</i> <i>CHV Change of means of transport</i> <i>CAN Cancellation because vessel does not carry dangerous substances</i> <i>CAV Cancellation because vessel does not call</i>	M		an..17
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
C108		Text Literal <i>Free text; one to five lines.</i>	C	X	
	4440	Free text	M		an..512

	<i>Free form text.</i>			
4440	Free text	C		an..512
	<i>Free form text.</i>			
4440	Free text	C		an..512
	<i>Free form text.</i>			
4440	Free text	C		an..512
	<i>Free form text.</i>			
4440	Free text	C		an..512
	<i>Free form text.</i>			
3453	Language name code	C	X	an..3
	<i>Code specifying the language name.</i>			
4447	Free text format code	C	X	an..3
	<i>Code specifying the format of free text.</i>			

HAN: Handling Instructions

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Nesting: HAN (Seq. 40)
Status (Min/Max): Conditional /1
Usage: Required 1/1
Purpose: Handling Instructions
Remarks:

DataElem	Component	Description	Status	Usage	Format
C524		Handling Instructions <i>Instruction for the handling of goods, products or articles in shipment, storage etc.</i>	C	R	
	4079	Handling instruction description code <i>Code specifying a handling instruction.</i> <i>Usage: Goods handling info coded</i> <i>Reference Name : han4079</i> <i>Valid codes : DGN/4079P2</i> <i>T Transit</i> <i>LDI Discharge action</i> <i>LLO Loading action</i>	C	R	an..3
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	4078	Handling instruction description <i>Free form description of a handling instruction.</i>	C	X	an..70
C218		Hazardous Material <i>To specify a hazardous material.</i>	C	X	
	7419	Hazardous material category name code <i>Code specifying a kind of hazard for a material.</i>	C		an..7
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
	7418	Hazardous material category name <i>Name of a kind of hazard for a material.</i>	C		an..35

RFF: Reference

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Nesting: RFF (Seq. 50)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 1
 Group Optional 0/3
Purpose: Reference
Remarks:

DataElem	Component	Description	Status	Usage	Format
C506		Reference <i>Identification of a reference.</i>	M		
	1153	Reference code qualifier <i>Code qualifying a reference.</i> Valid codes : DGN/1153P2 <i>AAY Carrier's agent reference number</i> <i>ALG Dangerous goods security number</i> <i>FF Freight forwarder's reference number</i>	M		an..3
	1154	Reference identifier <i>Identifies a reference.</i> Usage: <i>If 1153 = ALG: Declaration Number</i> <i>If 1153 = AAY: DGN reference ocean carrier agent (in case declaring party capacity is DA)</i> <i>If 1153 = FF: DGN reference forwarder (in case declaring party capacity is DF)</i>	C	R	an..70
	1156	Document line identifier <i>To identify a line of a document.</i>	C	X	an..6
	4000	Reference version identifier <i>To identify the version of a reference.</i>	C	X	an..35
	1060	Revision identifier <i>To identify a revision.</i>	C	X	an..6

TDT: Details of Transport

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Nesting:	TDT (Seq. 70)
Status (Min/Max):	Mandatory /1
Usage:	Trigger for Segment Group 2 Group Required 1/1
Purpose:	Details of Transport
Remarks:	This TDT segment on header level indicates the details of the pre-carriage transport means in case of handling code LDI or T, or of the on-carriage transport means in case of handling code LLO.

DataElem	Component	Description	Status	Usage	Format
8051		Transport stage code qualifier <i>Code qualifying a specific stage of transport.</i> <i>Fixed Value : 20 Main-carriage transport</i>	M		an..3
8028		Means of transport journey identifier <i>To identify a journey of a means of transport.</i> <i>Usage: Main ocean voyage reference</i>	C		an..17
C220		Mode of Transport <i>Method of transport code or name. Code preferred.</i>	C	R	
	8067	Transport mode name code <i>Code specifying the name of a mode of transport.</i> <i>Reference Name : tdt8067</i> <i>Valid codes : DGN/8067P2</i> <i>1 Maritime transport</i> <i>2 Rail transport</i> <i>3 Road transport</i> <i>7 Fixed transport installations</i> <i>8 Inland water transport</i>	C	R	an..3
	8066	Transport mode name <i>Name of a mode of transport.</i>	C	X	an..17
C001		Transport Means <i>Method of transport code or name. Code preferred.</i>	C	X	
	8179	Transport means description code <i>Code specifying the means of transport.</i>	C		an..8
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3

	8178	Transport means description <i>Free form description of the means of transport.</i>	C		an..17
C040		Carrier <i>Identification of a carrier by code and/or by name. Code preferred.</i>	C	X	
	3127	Carrier identifier <i>To identify a carrier.</i>	C		an..17
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
	3128	Carrier name <i>Name of a carrier.</i>	C		an..35
8101		Transit direction indicator code <i>Code specifying the direction of transport.</i>	C	X	an..3
C401		Excess Transportation Information <i>To provide details of reason for, and responsibility for, use of transportation other than normally utilized.</i>	C	X	
	8457	Excess transportation reason code <i>Code specifying the reason for excess transportation.</i>	M		an..3
	8459	Excess transportation responsibility code <i>Code specifying the responsibility for excess transportation.</i>	M		an..3
	7130	Customer shipment authorisation identifier <i>To identify the authorisation to ship issued by the customer.</i>	C		an..17
C222		Transport Identification <i>Code and/or name identifying the means of transport.</i>	C	D	
	8213	Transport means identification name identifier <i>Identifies the name of the transport means. Usage: If C220/8067 = 1: vessel IMO number (7 digits only) If C220/8067 = 8: barge ENI number (in case of barge, TBN is allowed)</i>	C	D	an..9
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	8212	Transport means identification name <i>Name identifying a means of transport. Usage: Vessel name. Representation extended to 70 characters (an..70 instead of an..35).</i>	C	O	an..35
		<i>Format</i>			an..70
	8453	Transport means nationality code <i>Code specifying the nationality of a means of transport.</i>	C	O	an..3

Usage: Main vessel nationality coded

8281	Transport means ownership indicator code	C	X	an..3
	<i>Code indicating the ownership of a means of transport.</i>			

RFF: Reference

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Nesting: TDT.RFF (Seq. 90)
Status (Min/Max): Conditional /9
Usage: Optional 0/2
Purpose: Reference
Remarks:

DataElem	Component	Description	Status	Usage	Format
C506		Reference <i>Identification of a reference.</i>	M		
	1153	Reference code qualifier <i>Code qualifying a reference.</i> Valid codes : DGN/TDT1153P2 <i>ATZ Ship's stay reference number</i> <i>VM Vessel identification</i>	M		an..3
	1154	Reference identifier <i>Identifies a reference.</i> Usage: <i>If 1153 = ATZ: Main ocean ship's stay reference (should always start with a 'V')</i> <i>If 1153 = VM: Main vessel id RCS</i>	C	R	an..70
	1156	Document line identifier <i>To identify a line of a document.</i>	C	X	an..6
	4000	Reference version identifier <i>To identify the version of a reference.</i>	C	X	an..35
	1060	Revision identifier <i>To identify a revision.</i>	C	X	an..6

LOC: Place/Location Identification

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Nesting: TDT.LOC (Seq. 100)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 3
 Group Required 1/1
Purpose: Place/Location Identification
Remarks:

DataElem	Component	Description	Status	Usage	Format
3227		Location function code qualifier <i>Code identifying the function of a location.</i> <i>Fixed Value : 153 Port of call</i>	M		an..3
C517		Location Identification <i>Identification of a location by code or name.</i>	C	R	
	3225	Location name code <i>Code specifying the name of the location.</i> <i>Valid codes : UN/139</i> <i>Usage: If 3227 = '153': Main vessel port of call coded</i>	C	R	an..35
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	3224	Location name <i>Name of the location.</i>	C	X	an..256
C519		Related Location One Identification <i>Identification the first related location by code or name.</i>	C	X	
	3223	First related location name code <i>Code specifying first related location.</i>	C		an..25
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
	3222	First related location name <i>Name of first related location.</i>	C		an..70
C553		Related Location Two Identification <i>Identification of second related location by code or name.</i>	C	X	
	3233	Second related location name code	C		an..25

	<i>Code specifying the second related location.</i>			
1131	Code list identification code	C		an..17
	<i>Code identifying a user or association maintained code list.</i>			
3055	Code list responsible agency code	C		an..3
	<i>Code specifying the agency responsible for a code list.</i>			
3232	Second related location name	C		an..70
	<i>Name of the second related location.</i>			
5479	Relation code	C	X	an..3
	<i>Code specifying a relation.</i>			

DTM: Date/Time/Period[Top](#)

Nesting: TDT.LOC.DTM (Seq. 110)

Status (Min/Max): Conditional /9

Usage: Optional 0/2 if [han4079](#) equals 'LLO'
 Required 1/2 (if [han4079](#) differs from 'LLO') AND (if [tdt8067](#) equals '1')
 Required 1/2 (if [han4079](#) differs from 'LLO') AND (if [tdt8067](#) equals '8')

Purpose: Date/Time/Period

Remarks:

DataElem	Component	Description	Status	Usage	Format
C507		Date/Time/Period <i>Date and/or time, or period relevant to the specified date/time/period type.</i>	M		
	2005	Date or time or period function code qualifier <i>Code qualifying the function of a date, time or period.</i> <i>The value 132 indicates the start date of the stay of the vessel in the port and the value 133 indicates the end date of the stay.</i> <i>Valid codes : DGN/2005</i> <i>132 Arrival date/time, estimated</i> <i>133 Departure date/time, estimated</i>	M		an..3
	2380	Date or time or period text <i>The value of a date, a date and time, a time or of a period in a specified representation.</i> <i>Usage:</i> <i>If 2005 = 132: Main vessel date/time ETA at port of call</i> <i>If 2005 = 133: Main vessel date/time ETD from port of call</i>	C	R	an..35
	2379	Date or time or period format code <i>Code specifying the representation of a date, time or period.</i> <i>Fixed Value : 203 CCYYMMDDHHMM</i>	C	R	an..3

NAD: Name and Address

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Nesting: NAD (Seq. 120)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 4
 Group Required 3/9
Purpose: Name and Address
Remarks:

DataElem	Component	Description	Status	Usage	Format
3035		Party function code qualifier <i>Code giving specific meaning to a party.</i> <i>Valid codes : DGN/3035P2</i> <i>DF (Declaring forwarder)</i> <i>CG Carrier's agent</i> <i>DA (Declaring agent)</i> <i>FW Freight forwarder</i> <i>MR Message recipient</i> <i>MS Document/message issuer/sender (minimum requirement)</i>	M		an..3
C082		Party Identification Details <i>Identification of a transaction party by code.</i>	C	R	
	3039	Party identifier <i>Code specifying the identity of a party.</i> <i>Usage:</i> <i>APCS code (in case of 3035=MR, this is "APCS")</i> <i>Reference Name : nad3039</i>	M		an..35
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
C058		Name and Address <i>Unstructured name and address: one to five lines.</i> <i>Usage (if nad3039 equals 'DF') OR (if nad3039 equals 'DA')</i>	C	D	
	3124	Name and address description <i>Free form description of a name and address line.</i> <i>usage:</i> In the first line of 3124 : name of the responsible person for the hazardous cargo whom the Port Authorities can contact in case of problems. (See 'gemachtigde' in INPRO codex).	M	R	an..35
	3124	Name and address description <i>Free form description of a name and address line.</i> <i>usage:</i> Name company declarant	C	R	an..35

3124	Name and address description	C	R	an..35
	<i>Free form description of a name and address line.</i>			
	<i>usage:</i> Address line 1 company declarant			
3124	Name and address description	C		an..35
	<i>Free form description of a name and address line.</i>			
	<i>usage:</i> Address line 2 company declarant			
3124	Name and address description	C		an..35
	<i>Free form description of a name and address line.</i>			
	<i>usage:</i> Address line 3 company declarant			
C080	Party Name	C	X	
	<i>Identification of a transaction party by name, one to five lines. Party name may be formatted.</i>			
3036	Party name	M		an..35
	<i>Name of a party.</i>			
3036	Party name	C		an..35
	<i>Name of a party.</i>			
3036	Party name	C		an..35
	<i>Name of a party.</i>			
3036	Party name	C		an..35
	<i>Name of a party.</i>			
3036	Party name	C		an..35
	<i>Name of a party.</i>			
3045	Party name format code	C		an..3
	<i>Code specifying the representation of a party name.</i>			
C059	Street	C	X	
	<i>Street address and/or PO Box number in a structured address: one to four lines.</i>			
3042	Street and number or post office box identifier	M		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3042	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3042	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3042	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3164	City name	C	X	an..35
	<i>Name of a city.</i>			
C819	Country Sub–entity Details	C	X	
	<i>To specify a part of a country (eg county or part of a city).</i>			
3229	Country sub–entity name code	C		an..9
	<i>Code specifying the name of a country sub–entity.</i>			

1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
3228	Country sub-entity name <i>Name of a country sub-entity.</i>	C		an..70
3251	Postal identification code <i>Code specifying the postal zone or address.</i>	C	X	an..17
3207	Country name code <i>Identification of the name of the country or other geographical entity as defined in ISO 3166-1.</i>	C	X	an..3

CTA: Contact Information

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Nesting: NAD.CTA (Seq. 130)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 5
 Group Optional 0/1
Purpose: Contact Information
Remarks:

DataElem	Component Description	Status	Usage	Format
3139	Contact function code <i>Code specifying the function of a contact (e.g. department or person).</i> <i>Fixed Value : IC Information contact</i>	C	R	an..3
C056	Department or Employee Details <i>Code and/or name of a department or employee. Code preferred.</i>	C	R	
3413	Department or employee name code <i>Code specifying the name of a department or employee.</i>	C	X	an..17
3412	Department or employee name <i>Name of a department or employee.</i> <i>Usage: Ocean carrier agent /Freight forwarder contact name</i>	C	R	an..35

COM: Communication Contact

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Nesting: NAD.CTA.COM (Seq. 140)
Status (Min/Max): Conditional /9
Usage: Required 2/3
Purpose: Communication Contact
Remarks:

DataElem	Component	Description	Status	Usage	Format
C076		Communication Contact <i>Communication number of a department or employee in a specified channel.</i>	M		
	3148	Communication address identifier <i>To identify a communication address.</i> <i>Usage: Main ocean carrier agent contact phone/fax/email</i> <i>If 3155 = TE or FX: format is limited to an..20 (instead of an..512)</i> <i>If 3155 = EM: format is limited to an..255 (instead of an..512)</i>	M		an..512
	3155	Communication address code qualifier <i>Code qualifying the communication address.</i> <i>Valid codes : DGN/3155P2</i> <i>EM Electronic mail (Should occur at least 1 times and at most 1 times.)</i> <i>FX Telefax</i> <i>TE Telephone (Should occur at least 1 times and at most 1 times.)</i>	M		an..3
C076		Communication Contact <i>Communication number of a department or employee in a specified channel.</i>	C	X	
	3148	Communication address identifier <i>To identify a communication address.</i>	M		an..512
	3155	Communication address code qualifier <i>Code qualifying the communication address.</i>	M		an..3
C076		Communication Contact <i>Communication number of a department or employee in a specified channel.</i>	C	X	
	3148	Communication address identifier <i>To identify a communication address.</i>	M		an..512
	3155	Communication address code qualifier <i>Code qualifying the communication address.</i>	M		an..3

CNI: Consignment Information

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Nesting: CNI (Seq. 170)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 7
Purpose: Consignment Information
Remarks:

DataElem	Component	Description	Status	Usage	Format
1490		Consolidation item number <i>To specify a consignment within a consolidation.</i> <i>Usage: Consignment id serial</i>	C	R	n..4
C503		Document/Message Details <i>Identification of document/message by number, status, source and/or language.</i>	C		
	1004	Document identifier <i>To identify a document.</i> <i>Usage: Consignment id reference</i> <i>In case the handling action is Discharge or Transit e.g. the number of the Bill of lading; in case the handling action is Load e.g. the shipping agent's Booking reference number.</i>	C	R	an..35
	1373	Document status code <i>Code specifying the status of a document.</i>	C	X	an..3
	1366	Document source description <i>Free form description of the source of a document.</i>	C	X	an..70
	3453	Language name code <i>Code specifying the language name.</i>	C	X	an..3
	1056	Version identifier <i>To identify a version.</i>	C	X	an..9
	1060	Revision identifier <i>To identify a revision.</i>	C	X	an..6
1312		Consignment load sequence identifier <i>To identify the loading sequence of a consignment or consignments.</i>	C	X	n..4

DTM: Date/Time/Period

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Nesting: CNI.DTM (Seq. 190)

Status (Min/Max): Conditional /4

Usage: Required 2/2 (if [han4079](#) equals 'LLO') OR (if [han4079](#) equals 'LDI')

Purpose: Date/Time/Period

Remarks:

DataElem	Component	Description	Status	Usage	Format
C507		Date/Time/Period <i>Date and/or time, or period relevant to the specified date/time/period type.</i>	M		
	2005	Date or time or period function code qualifier <i>Code qualifying the function of a date, time or period.</i> <i>Reference Name : cnidtm2005</i> <i>Valid codes : DGN/CNI2005P2</i> <i>132 Arrival date/time, estimated</i> <i>133 Departure date/time, estimated</i> <i>369 Date and or time of handling, estimated</i>	M		an..3
	2380	Date or time or period text <i>The value of a date, a date and time, a time or of a period in a specified representation.</i> <i>Usage:</i> <i>If HAN/4079 = LDI (Discharge), both 369 (Handling In) 133 (Handling Out) are required</i> <i>If HAN/4079 = LLO (Load), both 132 (Handling In) 369 (Handling Out) are required</i>	C	R	an..35
	2379	Date or time or period format code <i>Code specifying the representation of a date, time or period.</i> <i>Fixed Value : 203 CCYYMMDDHHMM</i>	C	R	an..3

LOC: Place/Location Identification

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Nesting: CNI.LOC (Seq. 200)
Status (Min/Max): Conditional /4
Usage: Required 1/1 (if [han4079](#) equals 'LLO') OR (if [han4079](#) equals 'LDI')
 NOT USED if [han4079](#) equals 'T'
Purpose: Place/Location Identification
Remarks:

DataElem	Component	Description	Status	Usage	Format
3227		Location function code qualifier <i>Code identifying the function of a location.</i> <i>Fixed Value : 200 Place of handling</i>	M		an..3
C517		Location Identification <i>Identification of a location by code or name.</i>	C	R	
	3225	Location name code <i>Code specifying the name of the location.</i> <i>Valid codes : UN/139</i> <i>Usage: Use UN/ECE Recommendation No.16: UNLOCODE for place of loading and discharge of the consignment in/from the vessel, and for place of handling</i>	C	R	an..35
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	3224	Location name <i>Name of the location.</i>	C	X	an..256
C519		Related Location One Identification <i>Identification the first related location by code or name.</i>	C	R	
	3223	First related location name code <i>Code specifying first related location.</i> <i>Usage: Main vessel port of call APCS Terminal code</i>	C	R	an..25
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i> <i>Fixed Value : TER Terminal</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i> <i>Fixed Value : ZZZ Mutually Defined</i>	C		an..3

C553	3222	First related location name <i>Name of first related location.</i>	C	X	an..70
		Related Location Two Identification <i>Identification of second related location by code or name.</i>	C	O	
	3233	Second related location name code <i>Code specifying the second related location.</i> <i>Usage: Main vessel port of call via warehouse or terminal code</i>	C	R	an..25
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i> <i>Valid codes : DGN/CNI1131P2</i> <i>269 Warehouse</i> <i>TER Terminal</i>	C	R	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i> <i>Fixed Value : ZZZ Mutually Defined</i>	C	R	an..3
	3232	Second related location name <i>Name of the second related location.</i>	C	X	an..70
5479		Relation code <i>Code specifying a relation.</i>	C	O	an..3

TDT: Details of Transport

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Nesting:	CNI.TDT (Seq. 210)
Status (Min/Max):	Mandatory /1
Usage:	Trigger for Segment Group 8 Group Optional 0/1
Purpose:	Details of Transport
Remarks:	This TDT segment on CNI level indicates the details of the on-carriage transport means in case of handling code LDI or T, or of the pre-carriage transport means in case of handling code LLO.

DataElem	Component	Description	Status	Usage	Format
8051		Transport stage code qualifier <i>Code qualifying a specific stage of transport.</i> <i>Valid codes : DGN/CNITDT8051</i> <i>10 Pre-carriage transport</i> <i>30 On-carriage transport</i>	M		an..3
8028		Means of transport journey identifier <i>To identify a journey of a means of transport.</i> <i>Usage: Pre/On-carriage ocean voyage reference</i>	C		an..17
C220		Mode of Transport <i>Method of transport code or name. Code preferred.</i>	C	R	
	8067	Transport mode name code <i>Code specifying the name of a mode of transport.</i> <i>Valid codes : DGN/CNITDT8067</i> <i>1 Maritime transport</i> <i>2 Rail transport</i> <i>3 Road transport</i> <i>7 Fixed transport installations</i> <i>8 Inland water transport</i> <i>Usage: Pre/On-carriage mode of transport coded</i>	C	R	an..3
	8066	Transport mode name <i>Name of a mode of transport.</i>	C	X	an..17
C001		Transport Means <i>Method of transport code or name. Code preferred.</i>	C	X	
	8179	Transport means description code <i>Code specifying the means of transport.</i>	C		an..8
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17

C040	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
	8178	Transport means description <i>Free form description of the means of transport.</i>	C		an..17
		Carrier <i>Identification of a carrier by code and/or by name. Code preferred.</i>	C	X	
	3127	Carrier identifier <i>To identify a carrier.</i>	C		an..17
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
	3128	Carrier name <i>Name of a carrier.</i>	C		an..35
	8101	Transit direction indicator code <i>Code specifying the direction of transport.</i>	C	X	an..3
	C401	Excess Transportation Information <i>To provide details of reason for, and responsibility for, use of transportation other than normally utilized.</i>	C	X	
	8457	Excess transportation reason code <i>Code specifying the reason for excess transportation.</i>	M		an..3
C222	8459	Excess transportation responsibility code <i>Code specifying the responsibility for excess transportation.</i>	M		an..3
	7130	Customer shipment authorisation identifier <i>To identify the authorisation to ship issued by the customer.</i>	C		an..17
		Transport Identification <i>Code and/or name identifying the means of transport.</i>	C	D	
	8213	Transport means identification name identifier <i>Identifies the name of the transport means. Usage: If C220/8067 = 1: vessel IMO number (7 digits only) If C220/8067 = 8: barge ENI number (in case of barge, TBN is allowed)</i>	C	D	an..9
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	8212	Transport means identification name <i>Name identifying a means of transport. Usage: Vessel name. Representation extended to 70 characters (an..70 instead of an..35)</i>	C	O	an..35
		<i>Format</i>			an..70
	8453	Transport means nationality code	C	O	an..3

Code specifying the nationality of a means of transport.

Usage: *Pre/On-carriage vessel nationality coded*

8281

Transport means ownership indicator code

C

X

an..3

Code indicating the ownership of a means of transport.

RFF: Reference

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Nesting: CNI.TDT.RFF (Seq. 220)
Status (Min/Max): Conditional /9
Usage: Optional 0/3
Purpose: Reference
Remarks:

DataElem	Component	Description	Status	Usage	Format
C506		Reference <i>Identification of a reference.</i>	M		
	1153	Reference code qualifier <i>Code qualifying a reference.</i> <i>Valid codes : DGN/CNI1153P2T</i> <i>ALH Dangerous goods transport licence number</i> <i>ATZ Ship's stay reference number</i> <i>VM Vessel identification</i>	M		an..3
	1154	Reference identifier <i>Identifies a reference.</i> <i>Usage:</i> <i>If 1153 = ALH: Pre/On-carrage vessel transport license number</i> <i>If 1153 = ATZ: Pre/On-carrage ocean ship's stay reference</i> <i>If 1153 = VM: Pre/On-carrage vessel id RCS</i>	C	R	an..70
	1156	Document line identifier <i>To identify a line of a document.</i>	C	X	an..6
	4000	Reference version identifier <i>To identify the version of a reference.</i>	C	X	an..35
	1060	Revision identifier <i>To identify a revision.</i>	C	X	an..6

NAD: Name and Address

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Nesting: CNI.NAD (Seq. 250)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 10
 Group Optional 0/4
Purpose: Name and Address
Remarks:

DataElem	Component	Description	Status	Usage	Format
3035		Party function code qualifier <i>Code giving specific meaning to a party.</i> <i>Valid codes : DGN/CNI3035P2</i> <i>CG Carrier's agent</i> <i>CN Consignee</i> <i>CZ Consignor</i> <i>FU Hazardous material office</i> <i>FW Freight forwarder</i> <i>Reference Name : cninad3035</i>	M		an..3
C082		Party Identification Details <i>Identification of a transaction party by code.</i> <i>Usage (if cninad3035 equals 'CN') OR (if cninad3035 equals 'CZ')</i>	C	D	
	3039	Party identifier <i>Code specifying the identity of a party.</i> <i>Usage: If 3035 = CG or FW: APCS code</i> <i>If 3035 = FU: Emergency Response company id</i>	M	X	an..35
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
C058		Name and Address <i>Unstructured name and address: one to five lines.</i> <i>Usage (if cninad3035 equals 'FW') OR (if cninad3035 equals 'CG')</i>	C	D	
	3124	Name and address description <i>Free form description of a name and address line.</i> <i>If 3035 = FU: name of the responsible person from the Emergency Response company whom the Port Authorities can contact in case of problems.</i> <i>If 3035 = CN/CZ: Consignee / Consignor Name</i>	M	O	an..35
	3124	Name and address description <i>Free form description of a name and address line.</i>	C		an..35

If 3035 = FU: EMR Company Name
If 3035 = CN/CZ: Consignee / Consignor Address line 1

3124	Name and address description	C		an..35
	<i>Free form description of a name and address line.</i>			
	<i>If 3035 = FU: EMR Company Address line 1</i> <i>If 3035 = CN/CZ: consignee / consignor Address line 2</i>			
3124	Name and address description	C		an..35
	<i>Free form description of a name and address line.</i>			
	<i>If 3035 = FU: EMR Company Address line 2</i> <i>If 3035 = CN/CZ: consignee / consignor Address line 3</i>			
3124	Name and address description	C		an..35
	<i>Free form description of a name and address line.</i>			
	<i>If 3035 = FU: EMR Company Address line 3</i> <i>If 3035 = CN/CZ: consignee / consignor Address line 4</i>			
C080	Party Name	C	X	
	<i>Identification of a transaction party by name, one to five lines. Party name may be formatted.</i>			
	3036 Party name	M		an..35
	<i>Name of a party.</i>			
	3036 Party name	C		an..35
	<i>Name of a party.</i>			
	3036 Party name	C		an..35
	<i>Name of a party.</i>			
C059	3036 Party name	C		an..35
	<i>Name of a party.</i>			
	3045 Party name format code	C		an..3
	<i>Code specifying the representation of a party name.</i>			
	Street	C	X	
	<i>Street address and/or PO Box number in a structured address: one to four lines.</i>			
	3042 Street and number or post office box identifier	M		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3042	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3042	Street and number or post office box identifier	C		an..35
	<i>To identify a street and number and/or Post Office box number.</i>			
3164	City name	C	X	an..35
<i>Name of a city.</i>				
C819	Country Sub-entity Details	C	X	

	<i>To specify a part of a country (eg county or part of a city).</i>			
3229	Country sub–entity name code	C		an..9
	<i>Code specifying the name of a country sub–entity.</i>			
1131	Code list identification code	C		an..17
	<i>Code identifying a user or association maintained code list.</i>			
3055	Code list responsible agency code	C		an..3
	<i>Code specifying the agency responsible for a code list.</i>			
3228	Country sub–entity name	C		an..70
	<i>Name of a country sub–entity.</i>			
3251	Postal identification code	C	X	an..17
	<i>Code specifying the postal zone or address.</i>			
3207	Country name code	C	X	an..3
	<i>Identification of the name of the country or other geographical entity as defined in ISO 3166–1.</i>			

CTA: Contact Information

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Nesting: CNI.NAD.CTA (Seq. 260)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 11
Purpose: Contact Information
Remarks:

DataElem	Component	Description	Status	Usage	Format
3139		Contact function code <i>Code specifying the function of a contact (e.g. department or person).</i> <i>Valid codes : DGN/CNI3139P2</i> <i>HE Emergency dangerous goods contact</i> <i>IC Information contact</i>	C	R	an..3
C056		Department or Employee Details <i>Code and/or name of a department or employee. Code preferred.</i>	C	R	
	3413	Department or employee name code <i>Code specifying the name of a department or employee.</i>	C	X	an..17
	3412	Department or employee name <i>Name of a department or employee.</i>	C	R	an..35

COM: Communication Contact

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Nesting: CNI.NAD.CTA.COM (Seq. 270)
Status (Min/Max): Conditional /1
Usage: Required 2/3
Purpose: Communication Contact
Remarks:

DataElem	Component	Description	Status	Usage	Format
C076		Communication Contact <i>Communication number of a department or employee in a specified channel.</i>	M		
	3148	Communication address identifier <i>To identify a communication address.</i> <i>Usage: Main ocean carrier agent contact phone/fax/email</i> <i>If 3155 = TE or FX: format is limited to an..20 (instead of an..512)</i> <i>If 3155 = EM: format is limited to an..255 (instead of an..512)</i>	M		an..512
	3155	Communication address code qualifier <i>Code qualifying the communication address.</i> <i>Valid codes : DGN/3155P2</i> <i>EM Electronic mail (Should occur at least 1 times and at most 1 times.)</i> <i>FX Telefax</i> <i>TE Telephone (Should occur at least 1 times and at most 1 times.)</i>	M		an..3
C076		Communication Contact <i>Communication number of a department or employee in a specified channel.</i>	C	X	
	3148	Communication address identifier <i>To identify a communication address.</i>	M		an..512
	3155	Communication address code qualifier <i>Code qualifying the communication address.</i>	M		an..3
C076		Communication Contact <i>Communication number of a department or employee in a specified channel.</i>	C	X	
	3148	Communication address identifier <i>To identify a communication address.</i>	M		an..512
	3155	Communication address code qualifier <i>Code qualifying the communication address.</i>	M		an..3

GID: Goods Item Details

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Nesting: CNI.GID (Seq. 290)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 12
Purpose: Goods Item Details
Remarks:

DataElem	Component	Description	Status	Usage	Format
1496		Goods item number <i>To specify a goods item within a consignment.</i> <i>Usage: Goods id serial</i>	C	R	n..5
C213		Number and Type of Packages <i>Number and type of individual parts of a shipment.</i>	C	R	
	7224	Package quantity <i>To specify the number of packages.</i> <i>Usage: Goods package type outer total number</i>	C	R	n..8
	7065	Package type description code <i>Code specifying the type of package.</i> <i>Usage: Goods package type outer coded</i>	C	R	an..17
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	7064	Type of packages <i>Description of the form in which goods are presented.</i>	C	X	an..35
	7233	Packaging related description code <i>Code specifying information related to packaging.</i>	C	X	an..3
C213		Number and Type of Packages <i>Number and type of individual parts of a shipment.</i>	C	X	
	7224	Package quantity <i>To specify the number of packages.</i>	C		n..8
	7065	Package type description code <i>Code specifying the type of package.</i>	C		an..17
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
	7064	Type of packages	C		an..35

C213	7233	<i>Description of the form in which goods are presented.</i> Packaging related description code	C		an..3
		<i>Code specifying information related to packaging.</i>			
		Number and Type of Packages	C	O	
		<i>Number and type of individual parts of a shipment.</i>			
	7224	Package quantity	C	R	n..8
		<i>To specify the number of packages.</i>			
		<i>Usage: Goods package type inner total number</i>			
	7065	Package type description code	C	R	an..17
		<i>Code specifying the type of package.</i>			
		<i>Usage: Goods package type inner coded</i>			
C213	1131	Code list identification code	C	X	an..17
		<i>Code identifying a user or association maintained code list.</i>			
	3055	Code list responsible agency code	C	X	an..3
		<i>Code specifying the agency responsible for a code list.</i>			
	7064	Type of packages	C	X	an..35
		<i>Description of the form in which goods are presented.</i>			
	7233	Packaging related description code	C	X	an..3
		<i>Code specifying information related to packaging.</i>			
		Number and Type of Packages	C	X	
		<i>Number and type of individual parts of a shipment.</i>			
C213	7224	Package quantity	C		n..8
		<i>To specify the number of packages.</i>			
	7065	Package type description code	C		an..17
		<i>Code specifying the type of package.</i>			
	1131	Code list identification code	C		an..17
		<i>Code identifying a user or association maintained code list.</i>			
	3055	Code list responsible agency code	C		an..3
		<i>Code specifying the agency responsible for a code list.</i>			
	7064	Type of packages	C		an..35
		<i>Description of the form in which goods are presented.</i>			
C213	7233	Packaging related description code	C		an..3
		<i>Code specifying information related to packaging.</i>			
		Number and Type of Packages	C	X	
		<i>Number and type of individual parts of a shipment.</i>			
	7224	Package quantity	C		n..8
		<i>To specify the number of packages.</i>			
	7065	Package type description code	C		an..17
		<i>Code specifying the type of package.</i>			
	1131	Code list identification code	C		an..17
		<i>Code identifying a user or association maintained code list.</i>			
C213	3055	Code list responsible agency code	C		an..3
		<i>Code specifying the agency responsible for a code list.</i>			
	7064	Type of packages	C		an..35
		<i>Description of the form in which goods are presented.</i>			
	7233	Packaging related description code	C		an..3
		<i>Code specifying information related to packaging.</i>			
		Number and Type of Packages	C	X	
		<i>Number and type of individual parts of a shipment.</i>			
	7224	Package quantity	C		n..8
		<i>To specify the number of packages.</i>			
C213	7065	Package type description code	C		an..17
		<i>Code specifying the type of package.</i>			
	1131	Code list identification code	C		an..17
		<i>Code identifying a user or association maintained code list.</i>			
	3055	Code list responsible agency code	C		an..3
		<i>Code specifying the agency responsible for a code list.</i>			
	7064	Type of packages	C		an..35
		<i>Description of the form in which goods are presented.</i>			
	7233	Packaging related description code	C		an..3
		<i>Code specifying information related to packaging.</i>			

7064	Type of packages <i>Description of the form in which goods are presented.</i>	C	an..35
7233	Packaging related description code <i>Code specifying information related to packaging.</i>	C	an..3

DGS: Dangerous Goods

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Nesting: CNI.GID.DGS (Seq. 340)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 14
Purpose: Dangerous Goods
Remarks:

DataElem	Component	Description	Status	Usage	Format
8273		Dangerous goods regulations code <i>Code specifying a dangerous goods regulation.</i> <i>Usage: Goods hazard regulations coded</i> <i>Valid codes : DGN/DGS8273</i> <i>IMD IMO IMDG code</i> <i>IBC</i> <i>ADN</i> <i>IGC</i> <i>MAR</i> <i>SBC</i>	C	R	an..3
C205		Hazard Code <i>The identification of the dangerous goods in code.</i>	C	R	
	8351	Hazard identification code <i>Code identifying a hazard.</i> <i>Usage: Goods hazard regulations class</i>	M		an..7
	8078	Additional hazard classification identifier <i>To identify an additional hazard classification.</i>	C		an..7
	8092	Hazard code version identifier <i>To identify the version number of a hazard code.</i>	C		an..10
C234		Undg Information <i>Information on dangerous goods, taken from the United Nations Dangerous Goods classification.</i>	C	R	
	7124	United Nations Dangerous Goods (UNDG) identifier <i>The unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.</i> <i>Usage: Goods hazard reference UNDG</i>	C	R	n4
	7088	Dangerous goods flashpoint description <i>To describe the flashpoint of dangerous goods.</i>	C	X	an..8
C223		Dangerous Goods Shipment Flashpoint <i>Temperature at which a vapor can be ignited as per ISO 1523/73.</i>	C	D	

7106	Shipment flashpoint degree <i>To specify the value of the flashpoint of a shipment.</i> <i>Usage: Goods hazard flashpoint</i>	C	R	r3
6411	Measurement unit code <i>Code specifying the unit of measurement.</i> <i>Usage: Goods hazard flashpoint unit</i> <i>Valid codes : DGN/6411</i> <i>CEL Degree celsius</i> <i>FAH Degree Fahrenheit</i>	C	R	an..8
8339	Packaging danger level code <i>Code specifying the level of danger for which the packaging must cater.</i> <i>Usage: Goods hazard packing group coded</i>	C		an..3
8364	Emergency procedure for ships identifier <i>To identify the emergency procedure number for ships transporting dangerous goods. Synonym: EMS Number.</i> <i>Usage: Goods hazard reference EMS</i>	C		an..6
8410	Hazard medical first aid guide identifier <i>To identify a Medical First Aid Guide (MFAG) for hazardous goods.</i> <i>Usage: Goods hazard reference MFAG</i>	C	X	an..4
8126	Transport emergency card identifier <i>To identify a transport emergency (TREM) card.</i>	C	X	an..10
C235	Hazard Identification Placard Details <i>These numbers appear on the hazard identification placard required on the means of transport.</i>	C	X	
8158	Orange hazard placard upper part identifier <i>To specify the identity number for the upper part of the orange hazard placard required on the means of transport.</i>	C		an..4
8186	Orange hazard placard lower part identifier <i>To specify the identity number for the lower part of the orange hazard placard required on the means of transport.</i>	C		an4
C236	Dangerous Goods Label <i>Markings identifying the type of hazardous goods and similar information.</i>	C		
8246	Dangerous goods marking identifier <i>To identify the marking of dangerous goods.</i> <i>Usage: Goods hazard regulations subsidiary risk</i>	C	R	an..4
8246	Dangerous goods marking identifier <i>To identify the marking of dangerous goods.</i> <i>Usage: Goods hazard regulations subsidiary risk</i>	C		an..4

8246	Dangerous goods marking identifier <i>To identify the marking of dangerous goods.</i> <i>Usage: Goods hazard regulations subsidiary risk</i>	C		an..4
8255	Packing instruction type code <i>Code specifying a type of packing instruction.</i>	C	X	an..3
8325	Hazardous means of transport category code <i>Code specifying the category of means of transport for carrying hazardous goods.</i>	C	X	an..3
8211	Hazardous cargo transport authorisation code <i>Code specifying the authorisation for the transportation of hazardous cargo.</i>	C	X	an..3

FTX: Free Text

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Nesting: CNI.GID.DGS.FTX (Seq. 350)
Status (Min/Max): Mandatory /9
Usage: Required 1/4
Purpose: Free Text
Remarks:

DataElem	Component	Description	Status	Usage	Format
4451		Text subject code qualifier <i>Code qualifying the subject of the text.</i> Reference Name : dgsftx4451 Valid codes : DGN/DGS4451P2T <i>AAC Dangerous goods additional information</i> <i>AAD Dangerous goods, technical name</i>	M		an..3
4453		Free text function code <i>Code specifying the function of free text.</i>	C	X	an..3
C107		Text Reference <i>Coded reference to a standard text and its source.</i>	C	O	
	4441	Free text description code <i>Code specifying free form text.</i> Valid codes if dgsftx4451 equals 'AAD': DGN/DGS4441T <i>TEQ Transport in excepted quantities</i> <i>TLQ Transport in limited quantities</i> Valid codes if dgsftx4451 equals 'AAC': DGN/DGS4441T2 <i>A Additional information</i> <i>P Marine pollutant</i> <i>R Radioactive information</i>	M		an..17
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
C108		Text Literal <i>Free text; one to five lines.</i>	C	R	
	4440	Free text <i>Free form text.</i> Usage: <i>If 4451 = AAD: Goods hazard chemical/technical name</i> <i>If 4451 = AAC: Goods hazard additional info, Goods hazard marpol (marine pollutant) info, Goods hazard radioactive info</i>	M		an..512
	4440	Free text <i>Free form text.</i>	C		an..512

If 4451 = AAC: Goods hazard radioactive info

4440 Free text C an..512
Free form text.
If 4451 = AAC: Goods hazard radioactive info

4440 Free text C an..512
Free form text.
If 4451 = AAC: Goods hazard radioactive info

4440 Free text C an..512
Free form text.
If 4451 = AAC: Goods hazard radioactive info

3453 Language name code C X an..3
Code specifying the language name.

4447 Free text format code C X an..3
Code specifying the format of free text.

MEA: Measurements

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Nesting: CNI.GID.DGS.MEA (Seq. 360)
Status (Min/Max): Mandatory /9
Usage: Required 1/6
Purpose: Measurements
Remarks:

DataElem	Component	Description	Status	Usage	Format
6311		Measurement purpose code qualifier <i>Code qualifying the purpose of the measurement.</i> <i>Fixed Value : AAE Measurement</i>	M		an..3
C502		Measurement Details <i>Identification of measurement type.</i>	C	R	
	6313	Measured attribute code <i>Code specifying the attribute measured.</i> <i>Valid codes : DGN/DGS6313T2</i> <i>AAL Net weight</i> <i>AEN Radioactive index of transport</i> <i>AEO Radioactivity</i> <i>G Gross weight</i> <i>T19 Net explosive weight</i> <i>T20 Radioactive criticality safety index</i>	C	R	an..3
	6321	Measurement significance code <i>Code specifying the significance of a measurement.</i>	C	X	an..3
	6155	Non–discrete measurement name code <i>Code specifying the name of a non–discrete measurement.</i>	C	X	an..17
	6154	Non–discrete measurement name <i>Name of a non–discrete measurement.</i>	C	X	an..70
C174		Value/Range <i>Measurement value and relevant minimum and maximum values of the measurement range.</i>	C	R	
	6411	Measurement unit code <i>Code specifying the unit of measurement.</i> <i>Valid codes : DGN/DGS6411T2</i> <i>GRM Gram</i> <i>4N Mega Becquerel</i> <i>BQL Becquerel</i> <i>CUR Curie</i> <i>GBQ Gigabecquerel</i> <i>KGM Kilogram</i>	M		an..8

*NMB Number**TBQ Terra Becquerel**TNE Metric ton (1000 kg)/Tonne (1000 kg)*

6314	Measure	C	R	an..18
	<i>To specify the value of a measurement.</i>			
6162	Range minimum quantity	C	X	n..18
	<i>To specify the minimum value of a range.</i>			
6152	Range maximum quantity	C	X	n..18
	<i>To specify the maximum value of a range.</i>			
6432	Significant digits quantity	C	X	n..2
	<i>Count of the number of significant digits.</i>			
7383	Surface or layer code	C	X	an..3
	<i>Code specifying the surface or layer of an object.</i>			

LOC: Place/Location Identification

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Nesting: CNI.GID.DGS.LOC (Seq. 370)
Status (Min/Max): Conditional /99
Usage: Optional 0/1
Purpose: Place/Location Identification
Remarks:

DataElem	Component	Description	Status	Usage	Format
3227		Location function code qualifier <i>Code identifying the function of a location.</i> <i>Fixed Value : 147 Stowage cell</i>	M		an..3
C517		Location Identification <i>Identification of a location by code or name.</i>	C	R	
	3225	Location name code <i>Code specifying the name of the location.</i> <i>Usage: Goods hazard at stowage place main.</i>	C	R	an..35
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	3224	Location name <i>Name of the location.</i>	C	X	an..256
C519		Related Location One Identification <i>Identification the first related location by code or name.</i>	C	O	
	3223	First related location name code <i>Code specifying first related location.</i> <i>Usage: Goods hazard at stowage place main hatchcover number.</i>	C	O	an..25
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	3222	First related location name <i>Name of first related location.</i> <i>Usage: Goods hazard at stowage place main hatchcover status.</i>	C	O	an..70
C553		Related Location Two Identification <i>Identification of second related location by code or name.</i>	C	X	

3233	Second related location name code <i>Code specifying the second related location.</i>	C		an..25
1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C		an..17
3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C		an..3
3232	Second related location name <i>Name of the second related location.</i>	C		an..70
5479	Relation code <i>Code specifying a relation.</i>	C	X	an..3

SGP: Split Goods Placement

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Nesting: CNI.GID.DGS.SGP (Seq. 390)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 15
Purpose: Split Goods Placement
Remarks:

DataElem	Component	Description	Status	Usage	Format
C237		Equipment Identification <i>Marks (letters/numbers) identifying equipment.</i>	M		
	8260	Equipment identifier <i>To identify equipment.</i> <i>Usage: Container id (prefix and number): TBN is allowed, otherwise string must be exactly 11 characters. In case of "shippers owned" container, the prefix must be ///</i>	C	R	an..17
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	3207	Country name code <i>Identification of the name of the country or other geographical entity as defined in ISO 3166-1.</i>	C	X	an..3
7224		Package quantity <i>To specify the number of packages.</i> <i>Usage: Goods hazard in container package total number</i>	C	O	n..8

LOC: Place/Location Identification

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Nesting: CNI.GID.DGS.SGP.LOC (Seq. 400)
Status (Min/Max): Conditional /1
Purpose: Place/Location Identification
Remarks:

DataElem	Component	Description	Status	Usage	Format
3227		Location function code qualifier <i>Code identifying the function of a location.</i> <i>Fixed Value : 147 Stowage cell</i>	M		an..3
C517		Location Identification <i>Identification of a location by code or name.</i>	C	R	
	3225	Location name code <i>Code specifying the name of the location.</i> <i>Usage: Equipment at stowage place</i>	C	R	an..35
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	3224	Location name <i>Name of the location.</i>	C	X	an..256
C519		Related Location One Identification <i>Identification the first related location by code or name.</i>	C	O	
	3223	First related location name code <i>Code specifying first related location.</i> <i>Usage: Goods hazard at stowage place main hatchcover number.</i>	C	O	an..25
	1131	Code list identification code <i>Code identifying a user or association maintained code list.</i>	C	X	an..17
	3055	Code list responsible agency code <i>Code specifying the agency responsible for a code list.</i>	C	X	an..3
	3222	First related location name <i>Name of first related location.</i> <i>Usage: Goods hazard at stowage place main hatchcover status.</i> <i>Valid codes : DGN/3222</i> <i>OPEN</i> <i>CLOSED</i>	C	O	an..70
C553		Related Location Two Identification	C	X	

<i>Identification of second related location by code or name.</i>				
3233	Second related location name code	C		an..25
<i>Code specifying the second related location.</i>				
1131	Code list identification code	C		an..17
<i>Code identifying a user or association maintained code list.</i>				
3055	Code list responsible agency code	C		an..3
<i>Code specifying the agency responsible for a code list.</i>				
3232	Second related location name	C		an..70
<i>Name of the second related location.</i>				
5479	Relation code	C	X	an..3
<i>Code specifying a relation.</i>				

MEA: Measurements

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Nesting: CNI.GID.DGS.SGP.MEA (Seq. 410)
Status (Min/Max): Conditional /2
Usage: Optional 0/6
Purpose: Measurements
Remarks:

DataElem	Component	Description	Status	Usage	Format
6311		Measurement purpose code qualifier <i>Code qualifying the purpose of the measurement.</i> <i>Fixed Value : AAE Measurement</i>	M		an..3
C502		Measurement Details <i>Identification of measurement type.</i>	C	R	
	6313	Measured attribute code <i>Code specifying the attribute measured.</i> <i>Valid codes : DGN/DGS6313T2</i> <i>AAL Net weight</i> <i>AEN Radioactive index of transport</i> <i>AEO Radioactivity</i> <i>G Gross weight</i> <i>T19 Net explosive weight</i> <i>T20 Radioactive criticality safety index</i>	C	R	an..3
	6321	Measurement significance code <i>Code specifying the significance of a measurement.</i>	C	X	an..3
	6155	Non–discrete measurement name code <i>Code specifying the name of a non–discrete measurement.</i>	C	X	an..17
	6154	Non–discrete measurement name <i>Name of a non–discrete measurement.</i>	C	X	an..70
C174		Value/Range <i>Measurement value and relevant minimum and maximum values of the measurement range.</i>	C	R	
	6411	Measurement unit code <i>Code specifying the unit of measurement.</i> <i>Valid codes : DGN/DGS6411T2</i> <i>GRM Gram</i> <i>4N Mega Becquerel</i> <i>BQL Becquerel</i> <i>CUR Curie</i> <i>GBQ Gigabecquerel</i> <i>KGM Kilogram</i>	M		an..8

*NMB Number**TBQ Terra Becquerel**TNE Metric ton (1000 kg)/Tonne (1000 kg)*

6314	Measure	C	R	an..18
	<i>To specify the value of a measurement.</i>			
6162	Range minimum quantity	C	X	n..18
	<i>To specify the minimum value of a range.</i>			
6152	Range maximum quantity	C	X	n..18
	<i>To specify the maximum value of a range.</i>			
6432	Significant digits quantity	C	X	n..2
	<i>Count of the number of significant digits.</i>			
7383	Surface or layer code	C	X	an..3
	<i>Code specifying the surface or layer of an object.</i>			

UNT: Message Trailer

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Nesting: UNT (Seq. 420)

Status (Min/Max): Mandatory /1

Purpose:

Remarks:

DataElem	Component Description	Status	Usage	Format
0074	Number of segments	M		n..6
0062	Message Reference Number	M		an..14