

EDI

CODECO– Rules and instructions for the transmission of container movements to DAKOSY

User manual
Version 1.9.6/E

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Change history

Version	Reason, concerned section	Changed by/ date	Checked by/ date
1.0/D	First version	S. Elze	12.01.2006
1.2/D	Addition of the message CODECO for message type conventional repositioning	C. Wegner	23.11.2006
1.3/D	Addition of transit code in COARRI	C. Wegner	02.05.2007
1.4/D	Addition of transfer of chassis no. and the indicator full/blank to the vehicle presentation	C. Wegner	30.04.2008
1.5/D	Formatting regulation for the transfer of the chassis no.	C. Wegner	06.08.2008
1.6	Addition of the indicator complete loading of conventional goods (completion indicator for partial loading). Addition of conditions for the processes of car loading	C. Wegner	23.02.2009
1.7/E	Changes in description message type APERAK RFF ACW, ED and ABT deleted	C. Wegner	12.06.2009
1.8/E	Formatting regulation for the transfer of the chassis no.	C. Wegner	12.01.2006
1.9/E	Adjustment description of repositioning message for conventional goods, which will be repositioned on a container to another packing company	C. Wegner	02.06.2010
1.9.1/E	- Extracted and adjusted from the manual „Additional rules and comments for the use of the messages CODECO, COARRI und APERAK“ - Layout changes - Addition of RFF + AEI for NCTS procedure	J. Diettrich	24.08.2012
1.9.2/E	- Addition of position nr. to MRN of transit procedure	J. Diettrich	15.10.2012
1.9.3/E	- Addition of qualifier for outboard loading	F. Schwanke	11.11.2013
1.9.4/E	- Addition of examples, no technical changes	F. Schwanke	19.09.2014
1.9.5/E	- Addition of TDT+1 for Transportmeans type code of inland transport	F. Schwanke	06.09.2019
1.9.6/E	Voyage number in TDT+1 reduced to optional as defined in standard	F. Schwanke	24.09.2020

Change requests

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Used tools

Number	Used tools
W1	This document was produced with the word processing programme MS Word 2016 .

Liability

1. Please note that no liability claims can be derived towards DAKOSY AG for the content of this manual, despite careful developing and examination of this document!

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1. Introduction

This document describes the EDIFACT message CODECO, to be used to transmit container movements to DAKOSY.

It only includes information used in ZAPP and IMP. Data also included in the standard may be optionally sent and does not cause a rejection, but will not be processed.

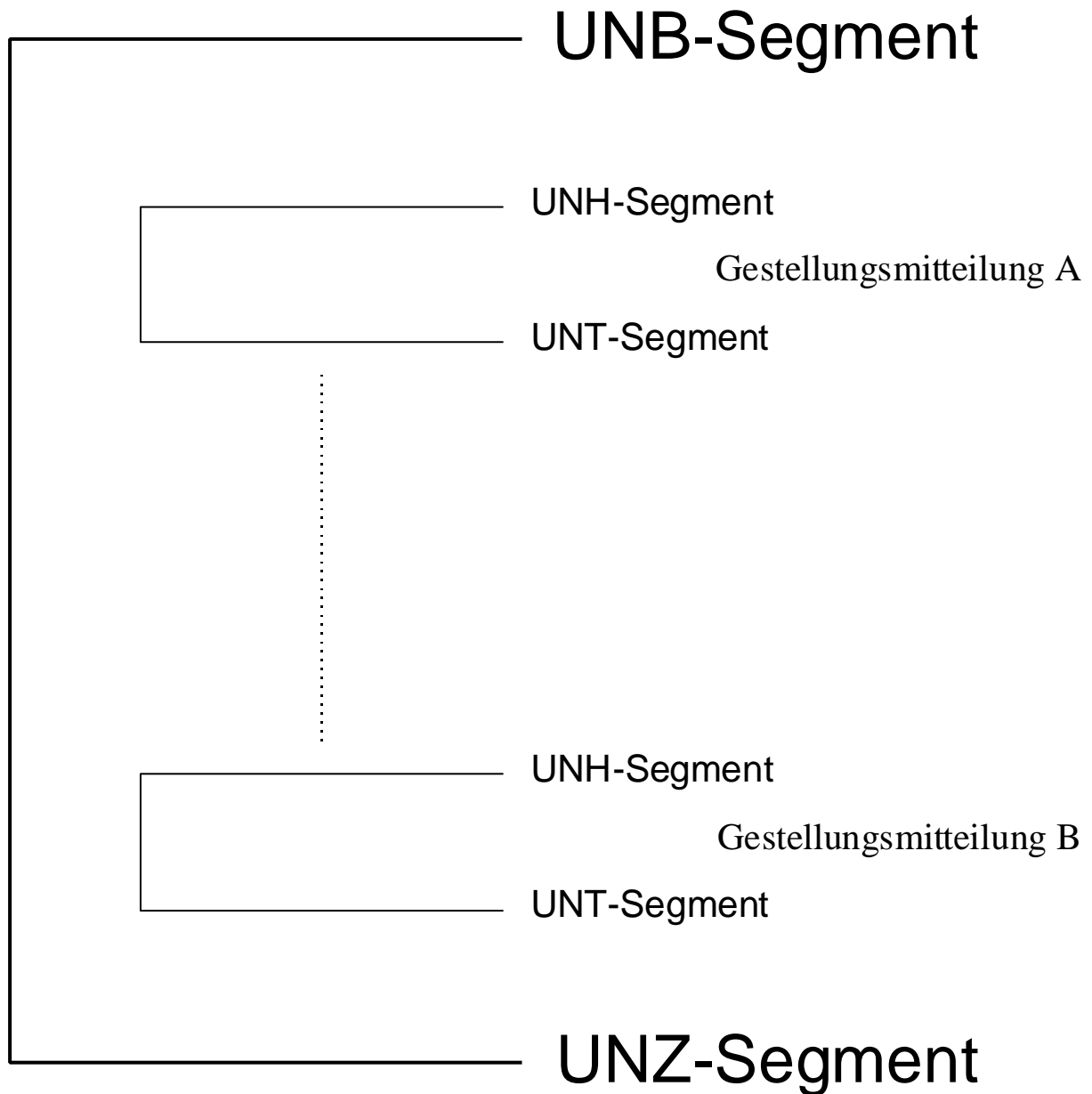
The complete implementation manual of the SMDG (User Group for Shipping Lines and Container Terminals) for the EDIFACT message CODECO can be found online at www.smdg.org:

- CODECO 95B (Gate-In/Out): <http://smdg.org/documents/older-documentation/>

2. Service segments

2.1 Formatting rules for data transmission

Structure of interchange:



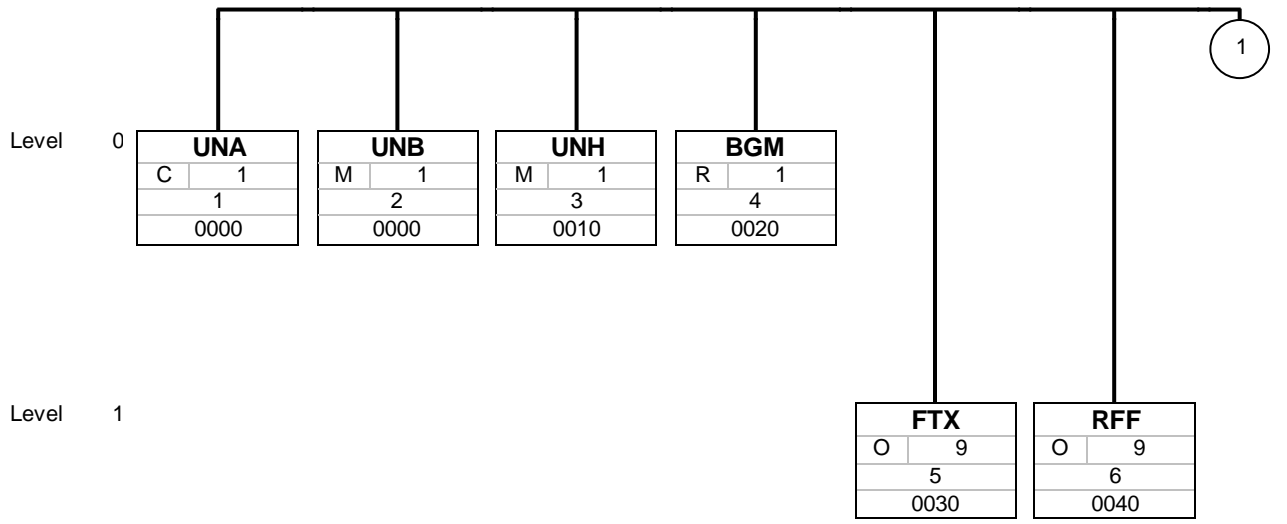
The interchange is limited by the segments UNB and UNZ.

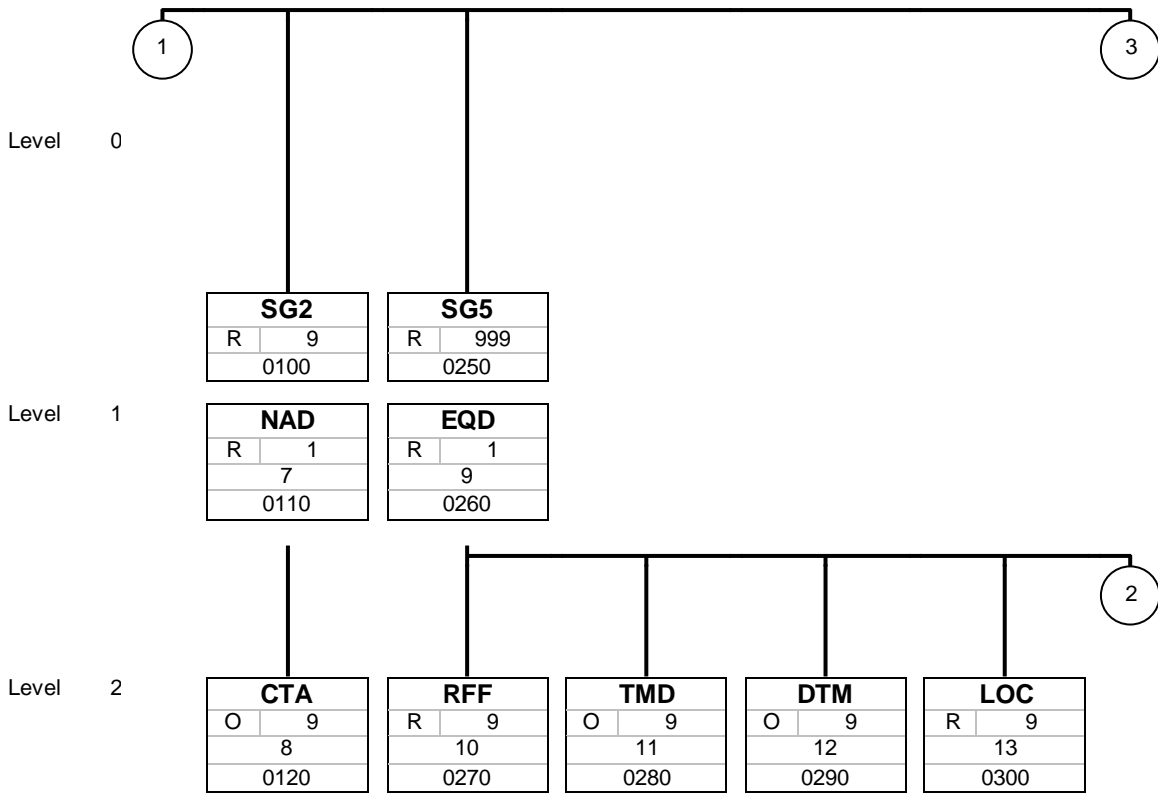
2.2 Explanations to the message structure

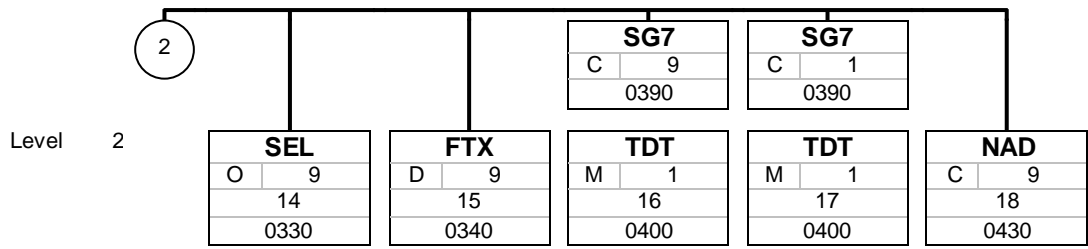
The following schedule only contains used segments and segment groups.

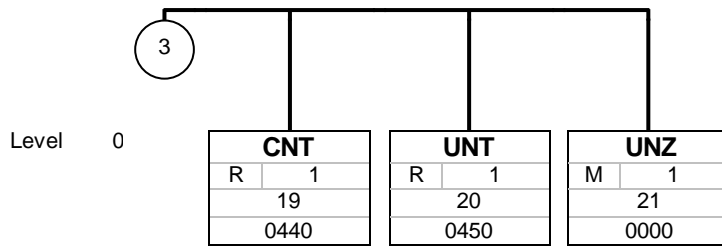
Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	UNA	C	1	0	SERVICE STRING ADVICE
0000	2	UNB	M	1	0	INTERCHANGE HEADER
0010	3	UNH	M	1	0	Message header
0020	4	BGM	R	1	0	Beginning of message
0030	5	FTX	O	9	1	Free text
0040	6	RFF	O	9	1	Reference
0100		SG2	R	9	1	NAD-CTA
0110	7	NAD	R	1	1	Name and address
0120	8	CTA	O	9	2	Contact information
0250		SG5	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-SG7-NAD
0260	9	EQD	R	1	1	EQD Equipment details
0270	10	RFF	R	9	2	RFF Reference
0280	11	TMD	O	9	2	TMD Transport movement details
0290	12	DTM	O	9	2	DTM Date/time/period
0300	13	LOC	R	9	2	Place/location identification
0330	14	SEL	O	9	2	Seal number
0340	15	FTX	D	9	2	Free text (information concerning the equipment)
0390		SG7	C	9	2	TDT
0400	16	TDT	M	1	2	Transport information
0390		SG7	C	1	2	Inland transport
0400	17	TDT	M	1	2	Transport information
0430	18	NAD	C	9	2	Container operator
0440	19	CNT	R	1	0	Control total
0450	20	UNT	R	1	0	Message trailer
0000	21	UNZ	M	1	0	INTERCHANGE TRAILER

3. Branching Diagram









Counter	No	Label	St	MaxOcc	Level	Name
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0000 2 **UNB** (1) M 1 0 INTERCHANGE HEADER

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
UNB				
S001	SYNTAX IDENTIFIER	M	M	
0001	Syntax identifier	M a4	M a4	
0002	Syntax version number	M n1	M n1	
S002	INTERCHANGE SENDER	M	M	
0004	Sender identification	M an..35	M an..35	
0007	Partner identification code qualifier	C an..4	N	Not used
0008	Address for reverse routing	C an..14	N	Not used
S003	INTERCHANGE RECIPIENT	M	M	
0010	Recipient identification	M an..35	M an..35	IMP Import Message Platform ZAPP ZAPP/AES
0007	Partner identification code qualifier	C an..4	N	Not used
0014	Routing address	C an..14	N	Not used
S004	DATE/TIME OF PREPARATION	M	M	
0017	Date of preparation	M n6	M n6	YYMMDD
0019	Time of preparation	M n4	M n4	HHMM
0020	Interchange control reference	M an..14	M an..14	
S005	RECIPIENT'S REFERENCE PASSWORD	C	N	
0022	Recipient's reference/ password	M an..14	N	Not used
0025	Recipient's reference/ password qualifier	C an2	N	Not used
0026	Application reference	C an..14	N	Not used
0029	Processing priority code	C a1	N	Not used
0031	Acknowledgement request	C n1	N	Not used
0032	Communications agreement ID	C an..35	N	Not used
0035	Test indicator	C n1	C n1	If interchange is not a test, please leave out this element. Value '0' is not allowed for production files. 1 Interchange is a test

Remark:

Example:

UNB+UNOC:3+EK01+IMP+201024:1158+ICR12345+++++1'

Counter	No	Label	St	MaxOcc	Level	Name
0010	3	UNH (1)	M	1	0	Message header

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
UNH				
0062	Message reference number	M an..14	R an..14	Indication of Message Reference Number required.
S009	MESSAGE IDENTIFIER	M	R	
0065	Message type identifier	M an..6	R an..6	CODECO Container gate-in/gate-out report message
0052	Message type version number	M an..3	R an..3	D Draft directory
0054	Message type release number	M an..3	R an..3	95B Version 95B
0051	Controlling agency	M an..2	R an..2	UN UNECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
0057	Association assigned code	C an..6	R an..6	ITG14 is recommended, ITG12 will still be accepted. ITG14 (ITIGG Version 1.4)
0068	Common access reference	C an..35	N	Not used
S010	STATUS OF THE TRANSFER	C	N	
0070	Sequence message transfer number	M n..2	N	Not used
0073	First/last sequence message transfer indication	C a1	N	Not used

Remark:

The UNH segment must always be sent.

Example:

UNH+2+CODECO:D:95B:UN:ITG14'

Counter	No	Label	St	MaxOcc	Level	Name
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0020 4 **BGM** (1) R 1 0 Beginning of message

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
BGM				
C002	DOCUMENT/MESSAGE NAME	C	R	
1001	Document/message name, coded	C an..3	R an..3	Indicator inbound or outbound delivery AAA Transport Equipment Movement Report Transport Equipment Movement Report (cartage) (only possible in relation with conventional goods). 34 Transport Equipment Gate-In Report 36 Transport Equipment Gate-Out Report 999 Transport Equipment Status Change Report Status Change Report. Replacement for Gate-In for a container, packed on the terminal. 781 Arrival notice (goods) Outboard loading / direct takeover: notification of transshipment 24 hours before the planned outboard takeover 96 Impending arrival Outboard loading / direct takeover: display of arrival 2-4 hours before the planned outboard takeover
1131	Code list qualifier	C an..3	N	Not used
3055	Code list responsible agency, coded	C an..3	N	Not used
1000	Document/message name	C an..35	N	Not used
1004	Document/message number	C an..35	R an..35	Sender's unique internal reference number. Well-defined reference (technical key) to identify a message. This reference will be used, e.g. in case that an error message will be returned.
1225	Message function, coded	C an..3	R an..3	9 Original
4343	Response type, coded	C an..3	N	Not used

Remark:

The BGM segment must always be sent.

Example:

BGM+34+123+9'

Counter	No	Label	St	MaxOcc	Level	Name
0030	5	FTX (1)	O	9	1	Free text

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
FTX				
4451	Text subject qualifier	M an..3	R an..3	AAI General information CHG Change information
4453	Text function, coded	C an..3	N	Not used
C107	TEXT REFERENCE	C	N	
4441	Free text, coded	M an..3	N	Not used
1131	Code list qualifier	C an..3	N	Not used
3055	Code list responsible agency, coded	C an..3	N	Not used
C108	TEXT LITERAL	C	C	
4440	Free text	M an..70	M an..70	
4440	Free text	C an..70	N	Not used
4440	Free text	C an..70	N	Not used
4440	Free text	C an..70	N	Not used
4440	Free text	C an..70	N	Not used
3453	Language, coded	C an..3	N	Not used

Remark:

The FTX segment at this level may be sent to provide free text comments or supplementary information or to add coded specifications concerning the data change (if the message is an amendment to a previous transmission).

Example:

FTX+AAI+++GENERAL INFORMATION'

Counter	No	Label	St	MaxOcc	Level	Name
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0040 6 **RFF** (1) O 9 1 Reference

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
RFF				
C506	REFERENCE	M	R	
1153	Reference qualifier	M an..3	R an..3	ACW Reference number to previous message
1154	Reference number	C an..35	C an..35	
1156	Line number	C an..6	N	Not used
4000	Reference version number	C an..35	N	Not used

Remark:

The RFF at this level is used to transmit references which apply to the whole message, and which link the message to earlier messages, orders or authorisations which relate to the equipment movement.

Example:

RFF+ACW:1928'

Counter	No	Label	St	MaxOcc	Level	Name
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0100 **SG2** (1) R 9 1 **NAD-CTA**

This segment group is mandatory in the message and must always be used.

0110 7 **NAD** (1) R 1 1 **Name and address**

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
NAD				
3035	Party qualifier	M an..3	M an..3	MS Document/message issuer/sender
C082	PARTY IDENTIFICATION DETAILS	C	R	
3039	Party id. identification	M an..35	M an..35	The indication of the company code is required.
1131	Code list qualifier	C an..3	O an..3	100 Enhanced party identification 160 Party identification 172 Carrier code
3055	Code list responsible agency, coded	C an..3	O an..3	7 CEFIC (Conseil Europeen des Federations de l'Industrie 9 EAN (International Article Numbering association) 10 ODETTE 16 DUNS (Dun & Bradstreet) 20 BIC (Bureau International des Containeurs) 87 Assigned by carrier 163 US, FMC (Federal Maritime Commission) 166 US, National Motor Freight Classification Association 184 AU, ACOS (Australian Chamber of Shipping)
C058	NAME AND ADDRESS	C	N	
3124	Name and address line	M an..35	N	Not used
3124	Name and address line	C an..35	N	Not used
3124	Name and address line	C an..35	N	Not used
3124	Name and address line	C an..35	N	Not used
3124	Name and address line	C an..35	N	Not used
C080	PARTY NAME	C	N	
3036	Party name	M an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format, coded	C an..3	N	Not used
C059	STREET	C	N	
3042	Street and number/p.o. box	M an..35	N	Not used
3042	Street and number/p.o. box	C an..35	N	Not used
3042	Street and number/p.o. box	C an..35	N	Not used
3164	City name	C an..35	N	Not used
3229	Country sub-entity identification	C an..9	N	Not used
3251	Postcode identification	C an..9	N	Not used
3207	Country, coded	C an..3	N	Not used

Remark:

The NAD segment at this level must always be sent. It identifies parties associated with all the equipment movements reported in the message.

Example:

NAD+MS+CTA:160:87'

Counter	No	Label	St	MaxOcc	Level	Name
0100		SG2 (1)	R	9	1	NAD-CTA
0120	8	CTA (1)	O	9	2	Contact information

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
CTA				
3139	Contact function, coded	C an..3	R an..3	IC Information contact
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	R	
3413	Department or employee identification	C an..17	N	Not used
3412	Department or employee	C an..35	R an..35	Specification of the name is required.

Remark:

The CTA identifies a specific contact party for the entity specified in the preceding NAD.

Example:

CTA+IC+:PETRA MEIER'

Counter	No	Label	St	MaxOcc	Level	Name
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0250 **SG5** (1) R 999 1 **EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD**
 A group of segments to specify containers in which goods are transported. Group 5 must always be sent in the CODECO message.

0260 9 **EQD** (1) R 1 1 **EQD Equipment details**

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
EQD				
8053	Equipment qualifier	M an..3	R an..3	Equipment, qualifier BB Breakbulk Conventional goods. CN Container VT Fahrzeug/vehicle
C237	EQUIPMENT IDENTIFICATION	C	D	
8260	Equipment identification number	C an..17	D an..17	Identification of equipment DE8260 = Container-number or chassis number at..17 For the transmission of the chassis number applies: The use of the character "O" is not allowed, please use 0 = zero instead, the use of the character "I" is not allowed, please use 1 = one instead. Specification of the equipment unit number is not required. Mandatory field for containerized goods (DE8053 = Cn) and for vehicles (DE8053 = VT).
1131	Code list qualifier	C an..3	N	Not used
3055	Code list responsible agency, coded	C an..3	N	Not used
3207	Country, coded	C an..3	N	Not used
C224	EQUIPMENT SIZE AND TYPE	C	D	
8155	Equipment size and type identification	C an..10	O an..10	Equipment size and type identification Specification of the ISO Code size and type is required, if this composite will be used.
1131	Code list qualifier	C an..3	O an..3	Codeliste, Qualifier Specification of the ISO Code size and type (102) is required, if this composite will be used.
3055	Code list responsible agency, coded	C an..3	O an..3	Code list responsible agency, coded 5 ISO (International Organization for Standardization) Code 5 for container 12 UIC (International union of railways)
8154	Equipment size and type	C an..35	O an..35	Equipment, size and type The indication of the size and type is required as free text.
8077	Equipment supplier, coded	C an..3	O an..3	Equipment supplier, coded 1 Shipper supplied 2 Carrier supplied 3 Third Party Supplied
8249	Equipment status, coded	C an..3	O an..3	Equipment status, coded 1 Continental 2 Export 3 Import 6 Transshipment
8169	Full/empty indicator, coded	C an..3	D an..3	Full/empty indicator, coded 4 Empty 5 Full Mandatory field for vehicles (DE8053).

Remark:

The EQD segment must always be sent.

Within the tightened processes of the car loading the mandatory specification of the chassis no. is only required for the loading of cars, grouped under the term vehicles ("Positions 8701 to 8705 of the commodities chart for the foreign trade statistic").

All vehicles, which are termed as construction machinery (crane, caterpillar/ bulldozer...) in the broadest sense, are not subject to the conditions of car loading.

In case of car loadings with additional cargo beside the Gate In for the car (chassis no. and ZAPP reference) an extra Gate message is required to start the presentation process via ATLAS AES. (DE8260)

Example:

EQD+CN+HLCU1234566+2020:102:5:20 FT+2+2+5'

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0270	10	RFF (1)	R	9	2	RFF Reference

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
RFF				
C506	REFERENCE	M	R	
1153	Reference qualifier	M an..3	R an..3	Reference, qualifier ABT Customs declaration number AEI Registration number of previous Customs declaration BN Booking reference number ED Export declaration SQ Container sequence number VT Motor vehicle identification number RFF+AEI only allow s MRN's of a transit procedure. Mandatory field for conventional goods and car loading: B number, Z number Optional field for containerized goods, The B or Z numbers shall be sent (in AES cases), if they are know n and at hand. ZAPP reference: DE1153 = ABT DE1154 = ZAPP reference (B-number or Z number) MRN from an export procedure: DE1153 = ED DE1154 = MRN
1154	Reference number	C an..35	R an..35	Reference number Mandatory field for conventional goods and car loading: B number, Z number Optional field for containerized goods, The B or Z numbers shall be sent (in AES cases), if they are know n and at hand. ZAPP reference: DE1153 = ABT DE1154 = ZAPP reference (B-number or Z number) MRN from an export procedure: DE1153 = ED DE1154 = MRN
1156	Line number	C an..6	N	Not used
4000	Reference version number	C an..35	N	Not used

Remark:

The RFF at this level is used to specify reference numbers related to the item of equipment (container), such as the container sequence number and the booking reference number (sea). Specification of the B-, Z- and MRN-number is mandatory, unless it is about conventional goods. Specification of the B- and Z-number is strongly recommended in case of containerized goods, if the B- and Z-number is existing and know n (true for DE1153 and DE1145).

Example:

RFF+ABT: Z13700706605'

RFF+CN: 12345'

RFF+AEI: 13DE470128829680M4:001'

RFF+AEI: 13DE470128829680M4:002'

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0280	11	TMD (1)	O	9	2	TMDTransport movement details

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
TMD				
C219	MOVEMENT TYPE	C	R	
8335	Movement type, coded	C an..3	R an..3	Movement type, coded 2 LCL/LCL (= PP = CFS/CFS) 3 FCL/FCL (= HH = CY/CY) 4 FCL/LCL (= HP = CY/CFS) 5 LCL/FCL (= PH = CFS/CY)
8334	Movement type	C an..35	N	Not used
8332	Equipment plan	C an..26	N	Not used
8341	Haulage arrangements, coded	C an..3	N	Not used

Remark:

The TMD may be used to report transport movement details for the item of equipment in the EQD.

Example:

TMD+2'

TMD+2'

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0290	12	DTM (1)	O	9	2	DTM Date/time/period

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
DTM				
C507	DATE/TIME/PERIOD	M	R	
2005	Date/time/period qualifier	M an..3	M an..3	Date/time/period, qualifier 7 Effective date/time 9 Processing date/time only applicable in process of direct takeover: estimated time of reloading
2380	Date/time/period	C an..35	R an..35	Date/time/period Specifications of the date and time are required.
2379	Date/time/period format qualifier	C an..3	R an..3	Date/time/period, format qualifier 203 CCYYMMDDHMM

Remark:

The DTM at this level is used to report dates and times relating to the item of equipment.

Example:

DTM+7:202008231433:203'

DTM+9:201402241200:203'

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0300	13	LOC (1)	R	9	2	Place/location identification

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
LOC				
3227	Place/location qualifier	M an..3	R an..3	<p>165 Activity Location</p> <p>The UN-LoCode will be used for the port-code (DEHAM = HAMBURG)</p> <p>In CODECO the segment LOC will be used in the segmentgroup 5</p> <p>DE3227 = 165 (Activity Location) is a mandatory field..</p> <p>DE3225 = UN-LoCode</p>
C517	LOCATION IDENTIFICATION	C	R	
3225	Place/location identification	C an..25	R an..25	<p>- UN LOCODE</p> <p>- Stow age cell</p> <p>- EAN Location code</p> <p>Stow age cell and EAN location code = Not used by DAKOSY.</p> <p>The UN-LoCode will be used for the port-code (DEHAM = HAMBURG)</p> <p>In CODECO the segment LOC will be used in the segmentgroup 5</p> <p>DE3227 = 165 (Activity Location) ist a mandatory field..</p> <p>DE3225 = UN-LoCode</p>
1131	Code list qualifier	C an..3	O an..3	<p>Code list, qualifier</p> <p>139 Port</p> <p>Specification of the code Port (139) is required, if the codelist is indicated.</p>
3055	Code list responsible agency, coded	C an..3	O an..3	<p>Code list responsible agency, coded</p> <p>5 ISO (International Organization for Standardization)</p> <p>Stow age cell</p> <p>9 EAN (International Article Numbering association)</p> <p>6 UNECE (United Nations - Economic Commission for Europe)</p> <p>UN LOCODE</p> <p>112 US, U.S. Census Bureau</p>
3224	Place/location	C an..17	O an..17	<p>Place</p> <p>Specification of the place/port is required as free text.</p>
C519	RELATED LOCATION ONE IDENTIFICATION	C	R	
3223	Related place/location one identification	C an..25	R an..25	<p>DE3223 = Code. Specification of the related location code is required, if this composit is being used.</p> <p>The DAKOSY-usercode is used for the terminal-code. The code has to be registered in the same segment as the port-code.</p> <p>The DAKOSY-usercode can be found at http://www.dakosy-direct.de.</p>
1131	Code list qualifier	C an..3	R an..3	<p>Code list, qualifier</p> <p>TER Terminals</p> <p>Specification of the code TER (terminal) required, if DE1131 is used.</p>
3055	Code list responsible agency, coded	C an..3	R an..3	<p>ZZZ Mutually defined</p> <p>Specification of the code ZZZ (mutually agreed) required, if DE3055 is used.</p>
3222	Related place/location one	C an..70	O an..70	<p>Related place/location one</p> <p>Specification of the location is required as free text.</p>

C553	RELATED LOCATION TWO IDENTIFICATION	C		D	Mandatory field in case of Transport Equipment Movement Report (re-positioning) Re-positioning based of a ZAPP reference conventional goods: Specification of the terminal receiving the goods – this means the presentation notification (HDS/GM01) will be delivered to terminal 2, addressed here, as well.
3233	Related place/location two identification	C an..25		R an..25	Related place/location two identification Specification of the related location code is required, if the related place two is indicated.
1131	Code list qualifier	C an..3		R an..3	Code list, qualifier TER Terminals Mandatory field in case of Transport Equipment Movement Report (repositioning) Repositioning based of a ZAPP reference conventional goods: Specification of the terminal receiving the goods – this means the presentation notification (HDS/GM01) will be delivered to terminal 2, addressed here, as well. The DAKOSY participant code can be found at http://www.dakosy-direct.de .
3055	Code list responsible agency, coded	C an..3		R an..3	Verantwortliche Stelle für die Codepflege, codiert ZZZ Mutually defined
3232	Related place/location two	C an..70		O an..70	Specification of the related location is required as free text.
5479	Relation, coded	C an..3		N	Not used

Remark:

The LOC segment at this level is used to report ports/locations which relate to the movement of the item of equipment (container), such as the stowage cell and the place of discharge.

Re-positioning messages are only required for conventional goods (with or without container) from terminal to terminal. Re-positioning messages containing a loading terminal as destination, will not be processed. The re-positioning messages must contain one or more Z references and a container number, the specification of a dispatch and destination terminal is mandatory. If there are already more than 9 single Z numbers existing in the container for the re-positioning, the container number must be transmitted several times in order to maintain the EDIFACT standard. (More information about the addressed terminal in C553).

Example:

LOC+165+DEHAM:139:6:X+EUR:TER:ZZZ:EUROGATE-CTH+PCH:TER:ZZZ:PCH PACKING CENTER'
LOC+165+USOAK:139:6+TERMINAL:TER:ZZZ+GATE1:GAT:ZZZ'

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0330	14	SEL (1)	O	9	2	Seal number

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
SEL				
9308	Seal number	M an..10	R an..10	Seal number
C215	SEAL ISSUER	C	O	
9303	Sealing party, coded	C an..3	R an..3	Sealing party, coded QA Quarantine CA Carrier CU Customs SH Shipper TO Terminaloperator AA Consolidator AB Unknown
1131	Code list qualifier	C an..3	N	Code list, qualifier Not used
3055	Code list responsible agency, coded	C an..3	N	Not used
9302	Sealing party	C an..35	O an..35	Sealing party Specification of the sealing party is required as free text.
4517	Seal condition, coded	C an..3	O an..3	Seal condition, coded 1 In right condition 2 Damaged

Remark:

The SEL segment should be used whenever seal information is required by the receiving party.

Example:

SEL+23 94 65GHHJ+CA: :X+1 '

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0340	15	FTX (1)	D	9	2	Free text (information concerning the equipment)

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
FTX				
4451	Text subject qualifier	M an..3	R an..3	AAI General information ACF Additional attribute information ABS Additional conditions CSC CSC Information DAR Damage remarks HAN Handling instructions OSI Other service information The indicator „Gate-Out CPA“ must be sent, if the container is being taken to the CPA, so ZAPP will not generate an error message. DE4451 = OSI (Other Service Information) DE4440 = CPA
4453	Text function, coded	C an..3	N	Text function, coded Not used Not used
C107	TEXT REFERENCE	C	D	
4441	Free text, coded	M an..3	R an..3	Free text, coded Specification of the code as per recommendation JM4/272 is required.
1131	Code list qualifier	C an..3	O an..3	Code list, qualifier 130 Special handling 4451=HAN ZZZ Mutually defined
3055	Code list responsible agency, coded	C an..3	O an..3	Code list responsible agency, coded 5 ISO (International Organization for Standardization) 184 AU, ACOS (Australian Chamber of Shipping)
C108	TEXT LITERAL	C	D	
4440	Free text	M an..70	R an..70	Free text The indicator „Gate-Out CPA“ must be sent, if the container is being taken to the CPA, so ZAPP will not generate an error message. DE4451 = OSI (Other Service Information) DE4440 = CPA
4440	Free text	C an..70	O an..70	Free text
4440	Free text	C an..70	O an..70	Free text
4440	Free text	C an..70	O an..70	Free text
4440	Free text	C an..70	O an..70	Free text
3453	Language, coded	C an..3	N	Not used

Remark:

The FTX segment at this level is used to provide a variety of coded or free text information related to the item of equipment. The indicator "GateOut CPA" must be sent, if the container is placed at the CPA, in order that ZAPP doesn't generate an error-message (true for DE4451 and DE 4440).

Example:

```
FTX+AAI++X:130:5+X:X:X:X'
FTX+AAI+++GENERAL INFORMATION'
```

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0390		SG7 (1)	C	9	2	TDT
0400	16	TDT (1)	M	1	2	Transport information

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
TDT				
8051	Transport stage qualifier	M an..3	M an..3	20 Main-carriage transport
8028	Conveyance reference number	C an..17	C an..17	
C220	MODE OF TRANSPORT	C	C	
8067	Mode of transport, coded	C an..3	C an..3	
8066	Mode of transport	C an..17	N	Not used
C228	TRANSPORT MEANS	C	N	
8179	Type of means of transport identification	C an..8	N	Not used
8178	Type of means of transport	C an..17	N	Not used
C040	CARRIER	C	N	
3127	Carrier identification	C an..17	N	Not used
1131	Code list qualifier	C an..3	N	Not used
3055	Code list responsible agency, coded	C an..3	N	Not used
3128	Carrier name	C an..35	N	Not used
8101	Transit direction, coded	C an..3	N	Not used
C401	EXCESS TRANSPORTATION INFORMATION	C	N	
8457	Excess transportation reason, coded	M an..3	N	Not used
8459	Excess transportation responsibility, coded	M an..3	N	Not used
7130	Customer authorization number	C an..17	N	Not used
C222	TRANSPORT IDENTIFICATION	C	N	
8213	Id. of means of transport identification	C an..9	N	Not used
1131	Code list qualifier	C an..3	N	Not used
3055	Code list responsible agency, coded	C an..3	N	Not used
8212	Id. of the means of transport	C an..35	N	Not used
8453	Nationality of means of transport, coded	C an..3	N	Not used
8281	Transport ownership, coded	C an..3	N	Not used

Remark:

Example:

TDT+20+X+0'

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0390		SG7 (2)	C	1	2	Inland transport
0400	17	TDT (1)	M	1	2	Transport information

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
TDT				
8051	Transport stage qualifier	M an..3	M an..3	1 Inland transport
8028	Conveyance reference number	C an..17	C an..17	
C220	MODE OF TRANSPORT	C	M	
8067	Mode of transport, coded	C an..3	R an..3	2 Rail transport 3 Road transport 8 Inland water transport
8066	Mode of transport	C an..17	N	Not used
C228	TRANSPORT MEANS	C	R	
8179	Type of means of transport identification	C an..8	R an..8	25 Rail express 31 Truck 11 Ship
8178	Type of means of transport	C an..17	N	Not used
C040	CARRIER	C	C	
3127	Carrier identification	C an..17	C an..17	
1131	Code list qualifier	C an..3	C an..3	172 Carrier code
3055	Code list responsible agency, coded	C an..3	C an..3	SMDG carrier code ZZZ Mutually defined
3128	Carrier name	C an..35	N	Not used
8101	Transit direction, coded	C an..3	N	Not used
C401	EXCESS TRANSPORTATION INFORMATION	C	N	
8457	Excess transportation reason, coded	M an..3	N	Not used
8459	Excess transportation responsibility, coded	M an..3	N	Not used
7130	Customer authorization number	C an..17	N	Not used
C222	TRANSPORT IDENTIFICATION	C	C	
8213	Id. of means of transport identification	C an..9	R an..9	Train ID (Rail) Truck ID (Road) Barge ID, ENI number (European Number of Identification), (Inland Water)
1131	Code list qualifier	C an..3	C an..3	146 Means of transport identification
3055	Code list responsible agency, coded	C an..3	N	Not used
8212	Id. of the means of transport	C an..35	C an..35	Optional: vessel name in case of inland water transport
8453	Nationality of means of transport, coded	C an..3	N	Not used
8281	Transport ownership, coded	C an..3	N	Not used

Remark:

Example:

TDT+1+X0815+8+11+DKL:172:ZZZ+++130211:146::KAJA JOSEPHINE'

TDT+1+4711+3+31+X:172:ZZZ+++HH AB4711:146'

Counter	No	Label	St	MaxOcc	Level	Name
0250		SG5 (1)	R	999	1	EQD-RFF-TMD-DTM-LOC-SEL-FTX-SG7-NAD
0430	18	NAD (1)	C	9	2	Container operator

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
NAD				
3035	Party qualifier	M an..3	M an..3	CF Container operator/lessee
C082	PARTY IDENTIFICATION DETAILS	C	C	
3039	Party id. identification	M an..35	M an..35	
1131	Code list qualifier	C an..3	C an..3	160 Party identification
3055	Code list responsible agency, coded	C an..3	C an..3	ZZZ Mutually defined
C058	NAME AND ADDRESS	C	N	
3124	Name and address line	M an..35	N	Not used
3124	Name and address line	C an..35	N	Not used
3124	Name and address line	C an..35	N	Not used
3124	Name and address line	C an..35	N	Not used
3124	Name and address line	C an..35	N	Not used
C080	PARTY NAME	C	N	
3036	Party name	M an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3036	Party name	C an..35	N	Not used
3045	Party name format, coded	C an..3	N	Not used
C059	STREET	C	N	
3042	Street and number/p.o. box	M an..35	N	Not used
3042	Street and number/p.o. box	C an..35	N	Not used
3042	Street and number/p.o. box	C an..35	N	Not used
3164	City name	C an..35	N	Not used
3229	Country sub-entity identification	C an..9	N	Not used
3251	Postcode identification	C an..9	N	Not used
3207	Country, coded	C an..3	N	Not used

Remark:

Example:

NAD+CF+UAA:160:ZZZ'

Counter	No	Label	St	MaxOcc	Level	Name
0440	19	CNT (1)	R	1	0	Control total

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
CNT				
C270	CONTROL	M	R	
6069	Control qualifier	M an..3	R an..3	1 Algebraic total of the quantity values in line items in a
				16 Total number of equipment
6066	Control value	M n..18	R n..18	Specification of the number of EQD segments in the message is required, if composit 6069=16. Specification of the number of a single dummy value isn't required, if composit 6069=1.
6411	Measure unit qualifier	C an..3	N	Not used

Remark:

The CNT segment is Mandatory in the message and must always be sent, regardless of whether a control total is required by the receiving application. If no total is required, the segment may be used with dummy values in order to comply with EDIFACT requirements.

Example:

CNT+1:1'

CNT+1:1'

Counter	No	Label	St	MaxOcc	Level	Name
---------	----	-------	----	--------	-------	------

0450 20 **UNT** (1) R 1 0 **Message trailer**

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
UNT				
0074	Number of segments in a message	M n..6	R n..6	
0062	Message reference number	M an..14	R an..14	Specification must be the same as 0062 in UNH.

Remark:

The UNT segment must always be sent, to terminate a message.

Example:

UNT+16+2'

Counter	No	Label	St	MaxOcc	Level	Name
---------	----	-------	----	--------	-------	------

0000 21 **UNZ** (1) M 1 0 INTERCHANGE TRAILER

Standard			Implementation	
Bez	Name	St Format	St Format	Usage / Comment
UNZ				
0036	Interchange control count	M n..6	M n..6	
0020	Interchange control reference	M an..14	M an..14	

Remark:

Example:

UNZ+1+ICR12345'

5. Examples

5.1 Gate-In Message for general cargo

Within the ZAPP/AES process the package company (as authorized presentation location) notifies the arrival of a general cargo consignment based on the ZAPP-reference (B-, S- or Z-number).

UNA:+. ? '

UNB+UNOA:1+DKK+ZAPP+140919:0812+81721702 ' **Sender of transmission file is the main participant**

UNH+81721702+CODECO:D:95B:UN:ITG14 '

BGM+34+81721702+9 '

NAD+MS+DKY '

Message sender is the terminal or shed

GID+1 '

EQD+BB '

RFF+ABT:Z14008456981 '

ZAPP-reference

DTM+7:201409190809:203 '

Actual time of arrival of the goods

LOC+165+DEHAM+DKY:TER:ZZZ '

Terminal or shed

CNT+16:1 '

UNT+10+81721702 '

UNZ+1+81721702 '

5.2 Outboard loading

This section provides example messages concerning the outboard loading. Contents Dieser Abschnitt enthält Beispielnachrichten zur Außenbordverladung. Inhalte, auf die in diesem Zusammenhang besonders zu achten ist, wurden unterstrichen und mit kurzen Erläuterungen versehen.

Transshipment announcement at least 24 hours before the operation:

```

UNA:+.?'
UNB+UNOA:1+SPED+ZAPP+140918:1032+81036593'  ZAPP is the recipient
UNH+81036593+CODECO:D:95B:UN:ITG14'
BGM+781+81036593+9'  781 = Announcement of arrival 24 hours
                        ahead
                        Participant code the message sender

NAD+MS+SPED'
GID+1'
EQD+BB'
RFF+ABT: Z14008479547'
DTM+9:201409191039:203'  9 = expected time of transshipment
LOC+165+DEHAM+DKY:TER:ZZZ'  Location of planned transshipment, i.e. the
                                terminal from which it can be reached

CNT+16:1'
UNT+10+81036593'
UNZ+1+81036593'

```

Announcement of upcoming transshipment 2-4 hours ahead of the actual operation:

```

UNA:+.?'
UNB+UNOA:1+SPED+ZAPP+140918:1056+81059246'  ZAPP is recipient
UNH+81059246+CODECO:D:95B:UN:ITG14'
BGM+96+81059246+9'  96 = Announcement of arrival 2-4 hours
                        ahead

NAD+MS+SPED'
GID+1'
EQD+BB'
RFF+ABT: Z14008479547'
DTM+9:201409181300:203'  9 = expected time of transshipment
LOC+165+DEHAM+DKY:TER:ZZZ'  Location of planned transshipment, i.e. the
                                terminal from which it can be reached

CNT+16:1'
UNT+10+81059246'
UNZ+1+81059246'

```