

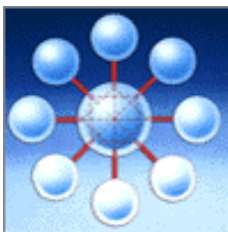
EDI-Manual GM02

ZAPP

Transmission of MANIFEST-Data

Version 1.0/E

**ZAPP-specific Additions and Comments
for the EDIFACT-Guide
„The Electronic Export Declaration“**



DAKOSY Datenkommunikationssystem AG
Mattentwiete 2, 20457 Hamburg
☎ ++49 040 37003-0

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Modification Service :

DAKOSY AG
data communication system
Mattentwiete 2, Hafenhaus
20457 Hamburg

telephone: ++49 (0)40 / 37003 - 220
telefax: ++49 (0)40 / 37003 370
e-mail info@dakosy.de

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Appendix A:

EDIFACT-Guide „The Electronic Export Declaration“

1. Introduction

The data record manifest is used to transmit the manifest information from the liner agent to the free port authority and the ZAPP system or the regional authority for statistics in Hamburg.

The manifest is transmitted to customs authorities to indicate the "final departure" of goods and is based on the DAKOSY data record "manifest" which is already transmitted to customs via EDI.

In future all manifest data will be controlled by the ZAPP system. All consignments which are listed in the manifest have a B-number and must be requested in advance (exception: EUB, empty container, transit contract). The B-number must be given on the manifest (exception: EUB, empty container, transit contract). ZAPP automatically compares these data with those taken from the request lists and loading lists and passes differences on to the custom officer who is processing the data.

The module **GM 02 - Transmission of manifest data** - describes the general organisation and the structure of the EDIFACT message, which is relevant for the free port authority and the regional authority for statistics in connection with the EDI-supported transmission of the manifest data.

The general basis for communication with DAKOSY is described in the module "General Part" and therefore is not mentioned in the module GM 02.

2. The Structure and Use of this Manual

This manual describes in which segments or data elements of the EDIFACT-message CUSCAR (customs cargo report) is to be found the information which is relevant for the transmission of manifest data and in which segments/data elements of the EDIFACT-message CANMES (cancellation message) is to be found the information relevant to the cancellation of a previously transmitted manifest.

The ZAPP-specific information is very important in this respect.

"The Electronic Export Declaration" (final draft 1997), which is the appendix A of this manual, and the CANMES contain the structure of the above mentioned EDIFACT-messages. "The Electronic Export Declaration" is fully adopted by the DIN.

For the realization of the transmission of manifest-data (transaction GM02), we therefore recommend to follow the description of the structure of the relevant EDIFACT-message given in the appendix A and to add the ZAPP specific information which are given in this manual, later.

3. The Sending and Receiving of Data with the DAKOSY-Frame

The intended EDIFACT-message or manifest data must be "wrapped" by the so-called DAKOSY-frame.

This enables us to process the manifest data in the DAKOSY system procedures.

The individual records of the DAKOSY-frame are illustrated below.

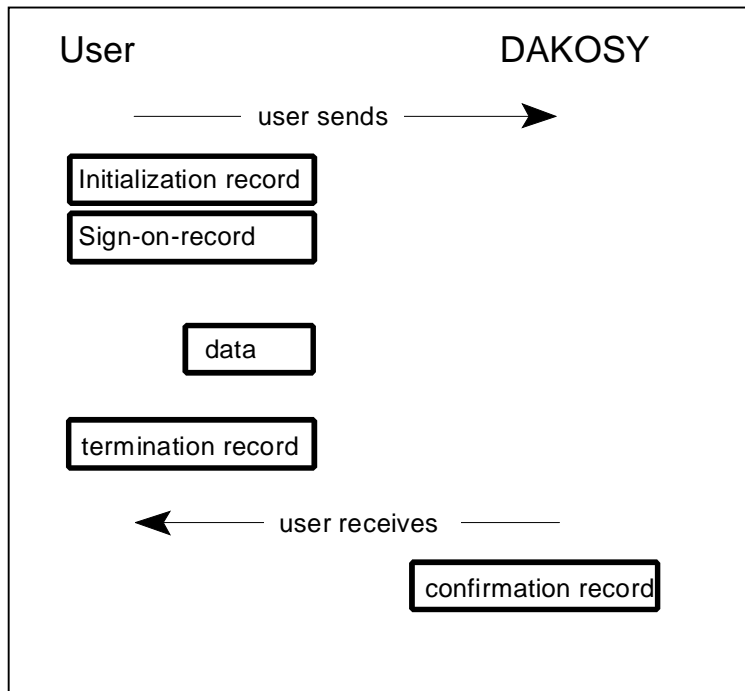


Figure 1: Structure of a session for sending data to DAKOSY

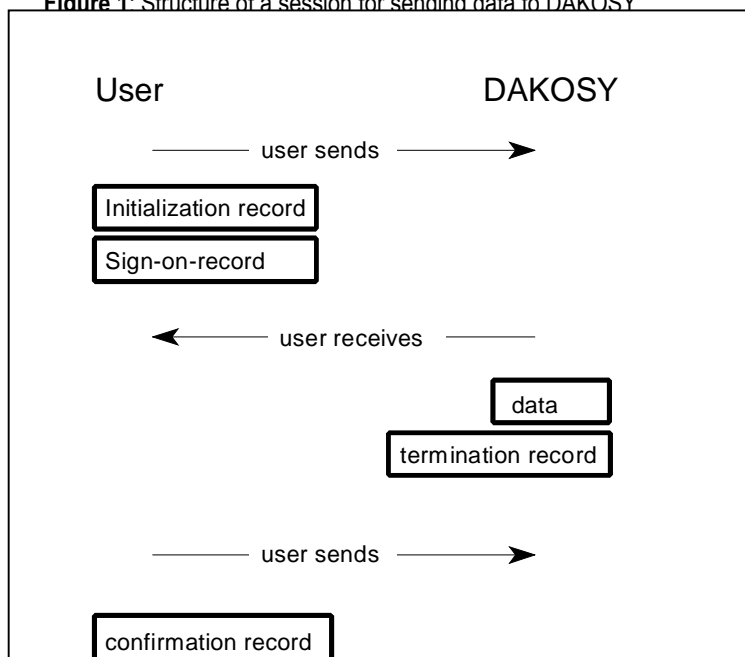


Figure 2: Structure of a session for receiving data from DAKOSY

3.1. The Initialization Record

The initialization record always begins a transmission sequence (session). It registers the communication with DAKOSY. The user must send the 80 digit record with the constant DAKO in positions 1 to 4.

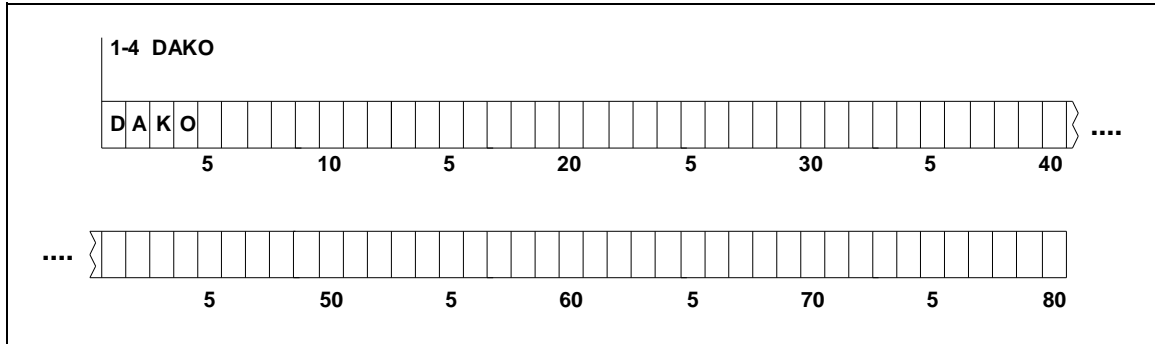


Figure 3: Initialization record

- byte 01 - 04 DAKO
- byte 05 - 80 blank/Space (hex. 40)

3.2. The Sign-On Record

The sign-on record is always the second 80 digit data record in a data sequence (session). Amongst others, it contains the details of the required type of transaction (GM02), the direction of communication (sending or receiving) and the identification of the user. See the DAKOSY key directory for the meaning of the individual keys.

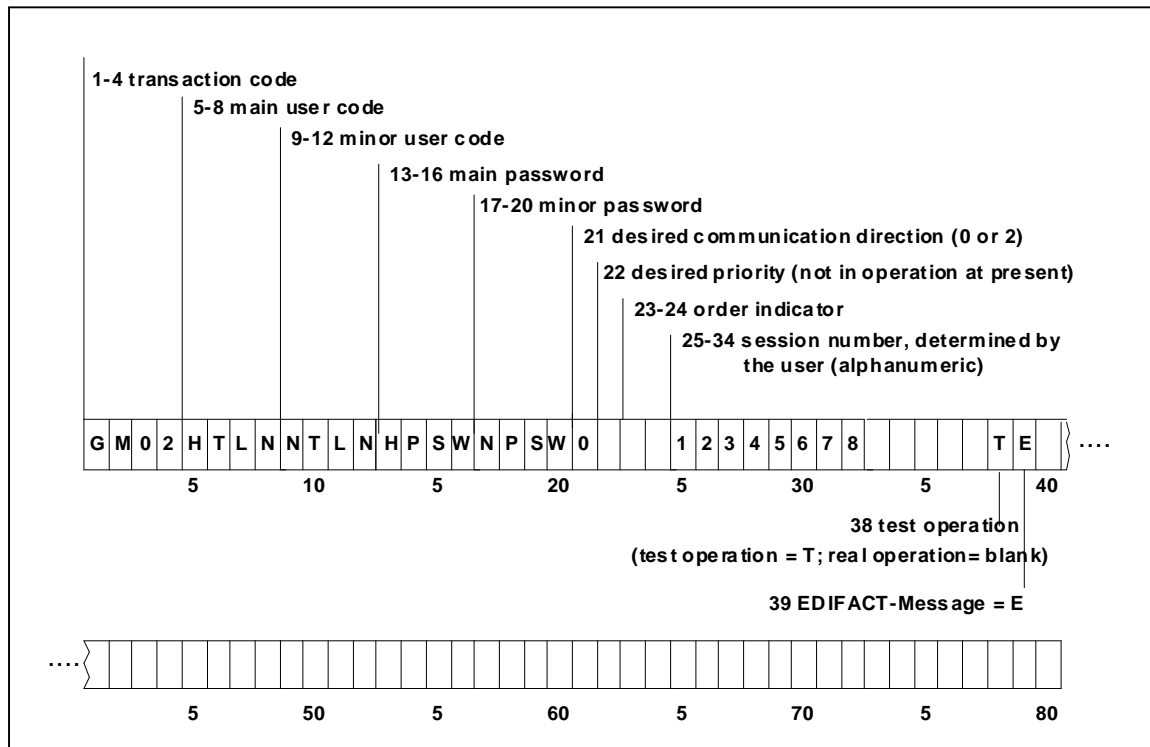


Figure 4: The Sign-On Record

- byte 01 - 04 transaction code (constant GM 02)
- byte 05 - 20 user identification
 - byte 05 - 08 main user code
 - byte 09 - 12 minor user code
 - byte 13 - 16 main password
 - byte 17 - 20 minor password
- byte 21 - 21 desired communication direction (0 or 2, only 0 allowed at present)
- byte 22 - 22 desired priority (not in operation at present)
- byte 23 - 24 order indicator
- byte 25 - 34 session number, determined by user (alphanumerical)
- byte 35 - 37 blank
- byte 38 - 38 test indicator (trial run = T, live run = Space/hex. 40)
- byte 39 - 39 indicator EDIFACT = „E“
- byte 40 - 80 blank
 - (with the exception of transaction MS01 and BT01:
 - byte 45-48: 1.recipient (obligatory field)
 - byte 49-52: 2.recipient

byte 53-56: 3.recipient
byte 57-60: 4.recipient)

3.3. The Termination Record

The termination record ends the transmission sequence and leads to a logical disconnection.

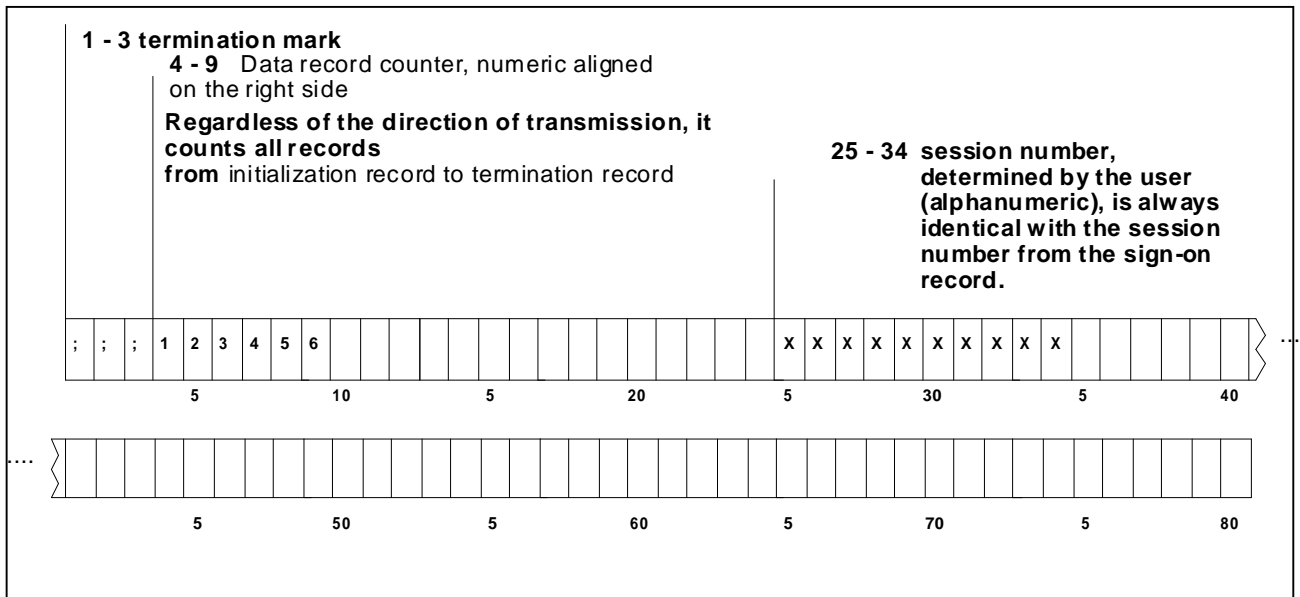


Figure 5: The Termination Record

- byte 01 - 03 termination mark (constant ;;;)
- byte 04 - 09 data record counter, numeric, aligned on the right hand side. It counts all physically transmitted 80-byte records from initialization record to termination record, regardless of the direction of transmission.
- byte 10 - 24 blank
- byte 25 - 34 session number, determined by the user. Whether you are sending or receiving, the session number is always identical to the session number from the sign-on record.

During the entire session, the terminal constant ";;;" may appear in the termination record in position 1 to 3 only.

3.4. The Confirmation Record

Each data sequence is acknowledged by the receiving party by a confirmation record. A confirmation record without a confirmation code (home position : "blank/space" (hex 40)) is the confirmation for the user sending records that the session was correctly imported and the records were saved in the receiving system. A confirmation code is sent when an error is found in the transaction (e.g. error code 001 = initialization record faulty or missing). The confirmation record contains:

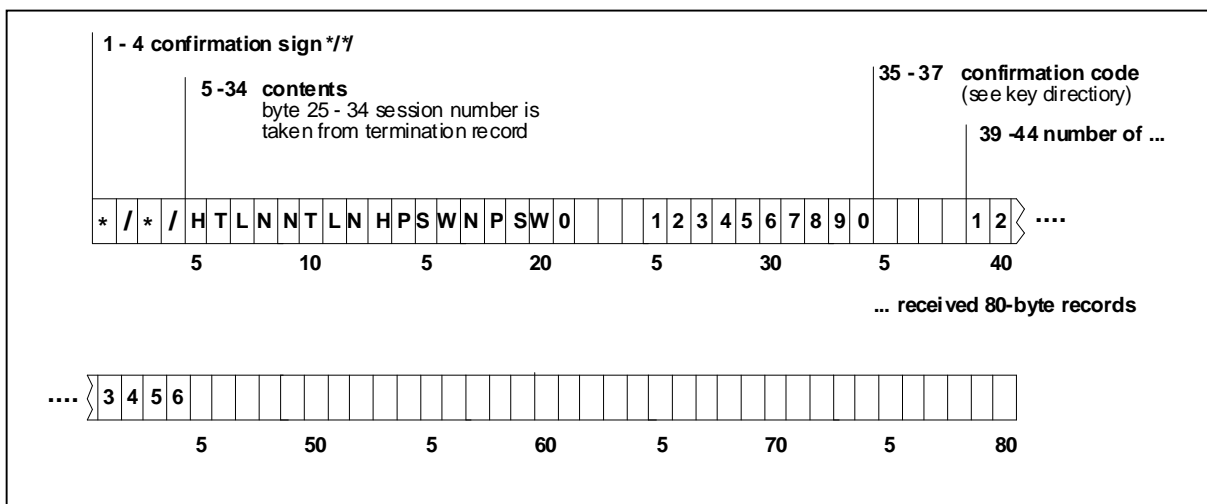


Figure 6: The Confirmation Record

- byte 01 - 04 confirmation record sign */*/
- byte 05 - 34 contents of sign-on record; the session number of bytes 25-34 must be taken from the termination record.
- byte 35 - 37 confirmation code (see key directory)
- byte 38 - 38 test indicator
(test operation = T, real operation = space/blank hex. 40)
- byte 39 - 44 number of 80-byte records physically received

On making a request for receiving data from DAKOSY, the user will immediately receive a confirmation record with the appropriate confirmation code instead of the data requested if DAKOSY detects any errors in the initialization or sign-on record (e.g. wrong password or wrong transmission direction).

3.5. The Reference Confirmation Record (for recalled data sequences)

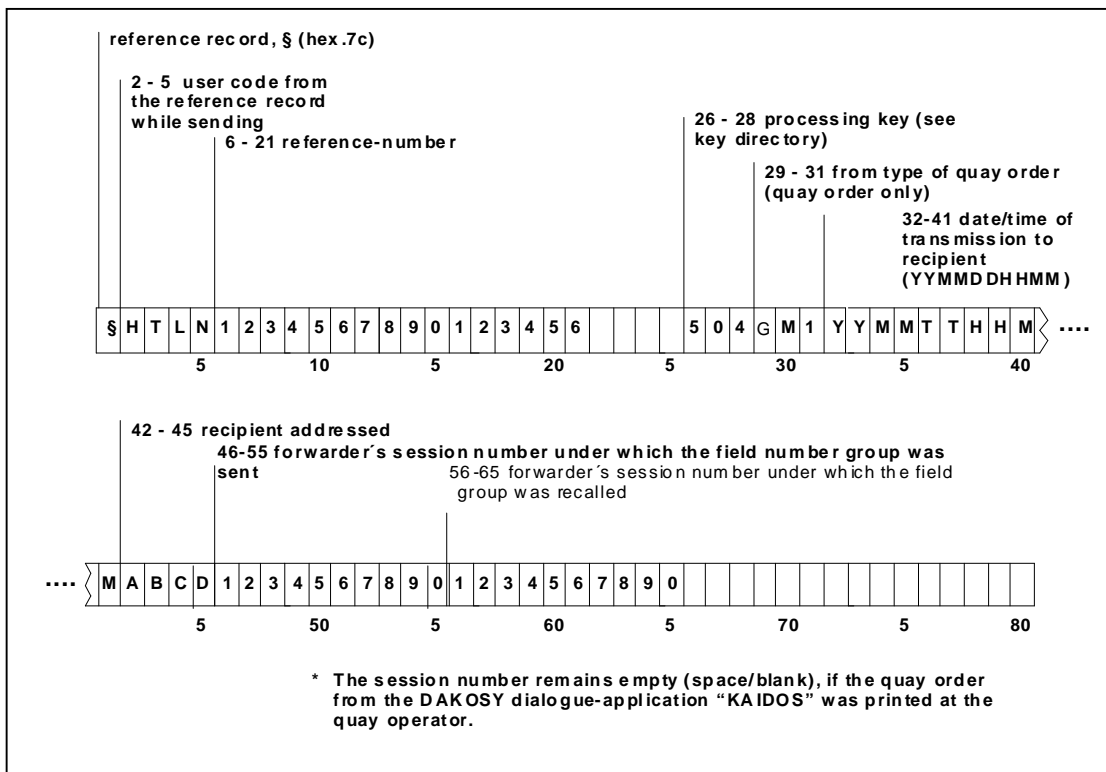


Figure 7: The Reference Confirmation Record

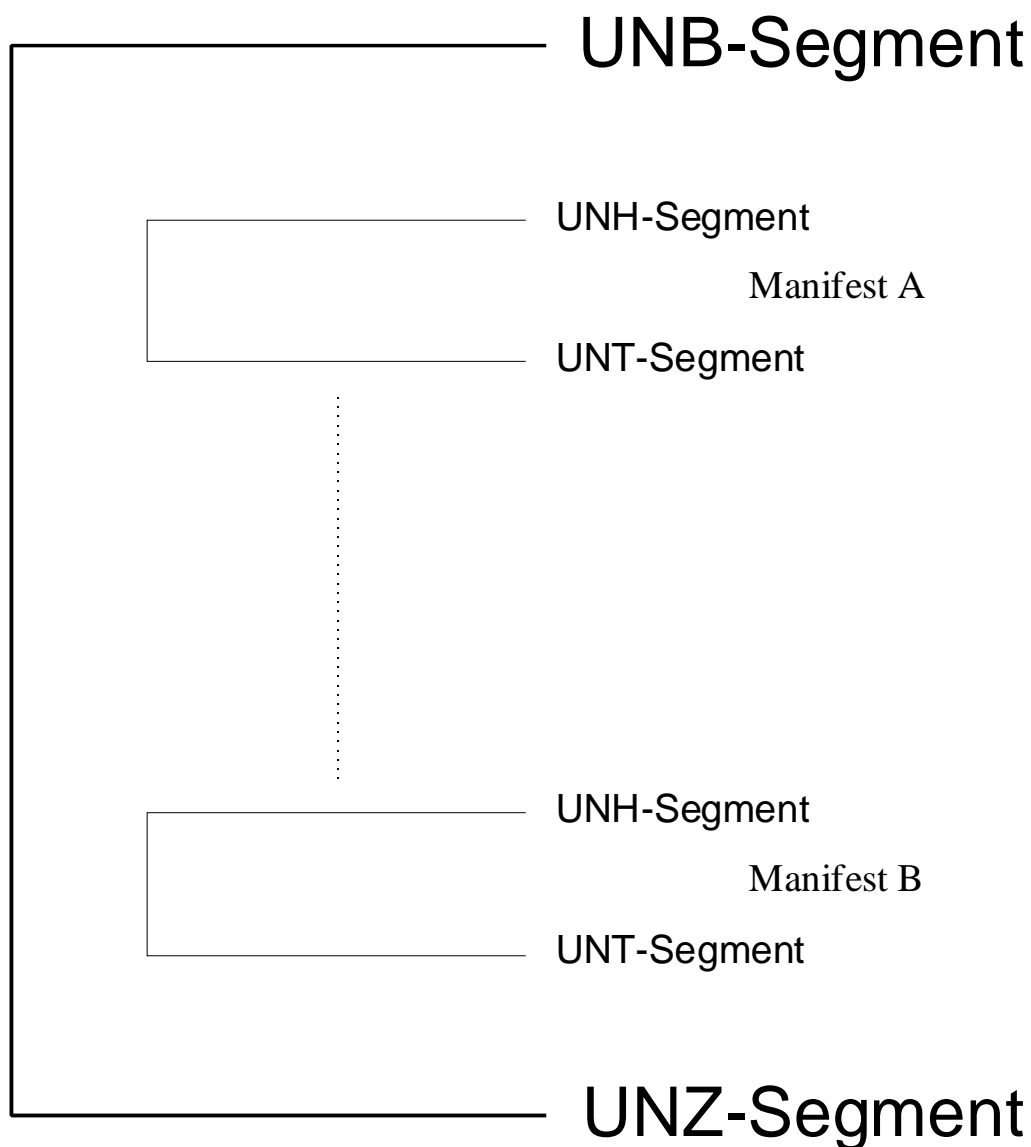
In addition to the session confirmation record, which acknowledges the processing of a transmission series (session), the user (forwarder, liner agent) receives a confirmation when data have been transmitted to the recipient. (Only when re-registering as field number group)

- byte 1 reference record sign (§ = hex. 7c)
- byte 2 - 5 user code from the reference record while sending
- byte 6 - 21 reference number
- byte 22 - 25 blank
- byte 26 - 28 processing key
- byte 29 - 31 form type of quay order (only for quay order)
- byte 32 - 41 date/time of transmission to recipient (YYMMDD/HHMM)
- byte 42 - 45 recipient addressed
- byte 46 - 55 forwarder's session number under which the MANIFEST-data separation was sent
- byte 56 - 65 forwarder's session number under which the MANIFEST-data separation was recalled

4. Service-Segments

4.1. Formatting Rules for the Transmission of Data

The acceptable form of a data transmission file is:



The actual data transmission file is defined by the segments UNB and UNZ

4.2. UNA Separation Sign Indication

The UNA separation sign indication must be placed immediately in front of the top segment of the transmission data file.

:	separates data elements within one group
+	separates data elements, names segments
.	decimal sign; full stop and comma may be used as decimal signs, though they must not be mixed within one transmission.
?	release sign; returns the original meaning to the sign which follows the question mark
blank	reserved for later applications
'	segment-finishing sign (apostrophe), hex-value 7 D

4.3. Status and Application Sign

The following signs for status are in the column „segment structure“ of the following table. They mean:


- M = Must be indicated
- C = Can be indicated

The application signs in column „S“ of the following table mean:

- R = Required (must be given)
- D = Dependent (needs to be transmitted only under the indicated conditions)
- O = Optional (can be transmitted)
- X = Not used

4.4. UNB Practical Data Top Segment

Segment: **UNB**
Name: practical data - top data
Function: used to open, identify and describe a transmission data file.

Segment structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
S001 M SYNTAX IDENTIFIER		R		
0001 M an..4 syntax identifier	UNOA or UNOB	R	code: UNOA = capital letters UNOB= capital letters and small letters (DIN EN 29735)	
0002 M n..1 syntax vers. nr.	:1	R	code: 1 = new version	
S002 M INTERCHANGE SENDER		R		
0004 M an..35	+	R	sender identification	
0007 K n..4	:	O	partner identification code qualifier	
0008 K an..14	:	X	address for reverse routing	
S003 M INTERCHANGE RECIPIENT		R		
0010 M an..35	+	R	recipient identification	
0007 K n..4	:	O	partner identification code qualifier	
0014 K an..14	:	X	routing address	please turn over 

S004	M			R		
DATE/ TIME OF PREPARATION						
0017	M	n..6	+9	R	date format: YYMMDD	
0019	M	n..4	:9	R	time format: HHMM	
0020	M	an..14	+X	R	unique	
S005	K			X		
RECIPIENTS REFERENCE, PASSWD.						
0022	M	an..14	+X	X	recipient's reference/password	
0025	K	an..2	:	X	recipient's reference/password qualifier	
0026	K	an..14	+	X	application reference	
0029	K	an..1	+	X	processing priority code	
0031	K	n..1	+9	X	acknowledgment request	
0032	K	an..35	+	X	communications agreement id	
0035	K	n..1	+1	D	test indicator Code: 1 = test data	

4.5. The Message - Presentation, Definitions and Regulations for Data Segments

UNH, Message Top Segment

Segment: **UNH**

Name: message top segment

Function: used to open, identify and describe a message

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP- specific Information
0062 M an..14 message reference number	+ X	R	unique	
S009 M MESSAGE IDENTIFIER		R		
0065 M an..6 message type id.	+ CUSCAR	R	code: CUSCAR	
0052 M n..3 message type version number	:D	R	code: D = version number	
0054 M n..3 message type release number	:96A	R	code: 96A = release number	
0051 M an..2 controlling agency	: UN	R		
0057 M an..6 association assigned code	:DEGM02	R	Code: DEGM02	

UNT, Message End Segment M 1

Segment: **UNT**

Name: message end segment

Function: used to end a message and to check it for completeness.

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
0074 Mn..6 MESSAGE SEGMENT COUNTER	+9	R	Number of sent segments. Included are the UNH and the UNT segment.	
0062 M an..14 MESSAGE REFERENCE NUMBER	+X	R	Message reference number from UNH/0062. On reception of the message the number is compared to the entry in the UNH.	

UNZ Practical Data End Segment

Segment: UNZ

Name: practical data end segment

Function: used to end a data file transmission

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP- specific Information
0036 M n..6 INTERCHANGE CONTROL COUNT	+ 9	R	number of sent segments	
0020 M an..14 INTERCHANGE CONTROL REFERENCE	+ X	R	message reference number from UNB/0020	

5. Message Structure

This excerpt from the CUSCAR message corresponds to the transmission of manifest data separation GM02. Listed below are the segments and their structures which are relevant to the GM02.

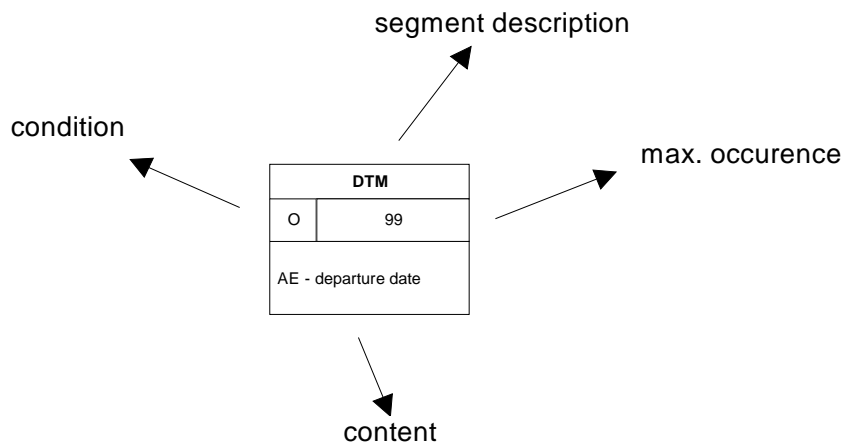
The signs for the condition whether a segment must be transmitted or not have the following meaning:

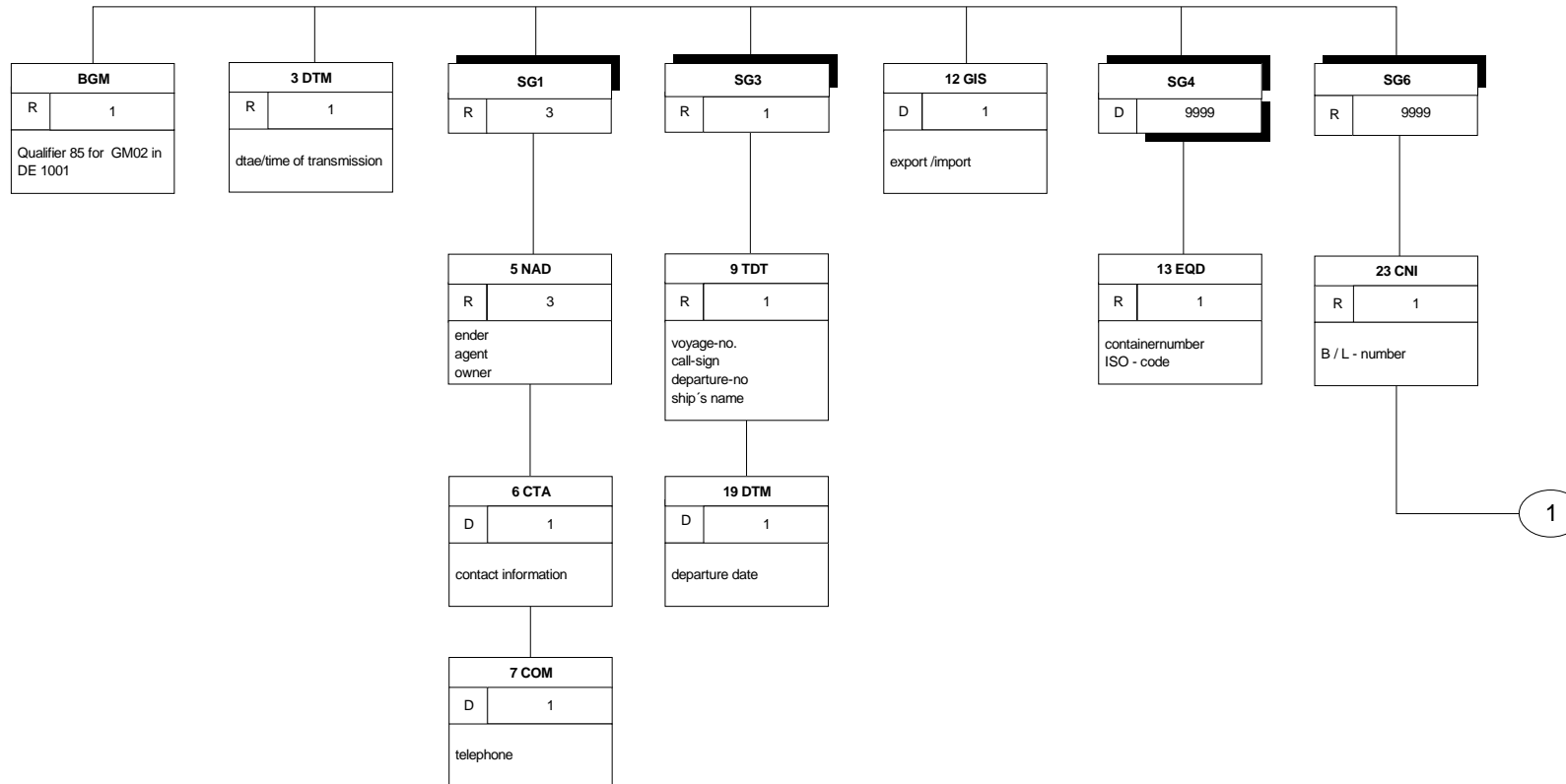
R = Required (must be given)

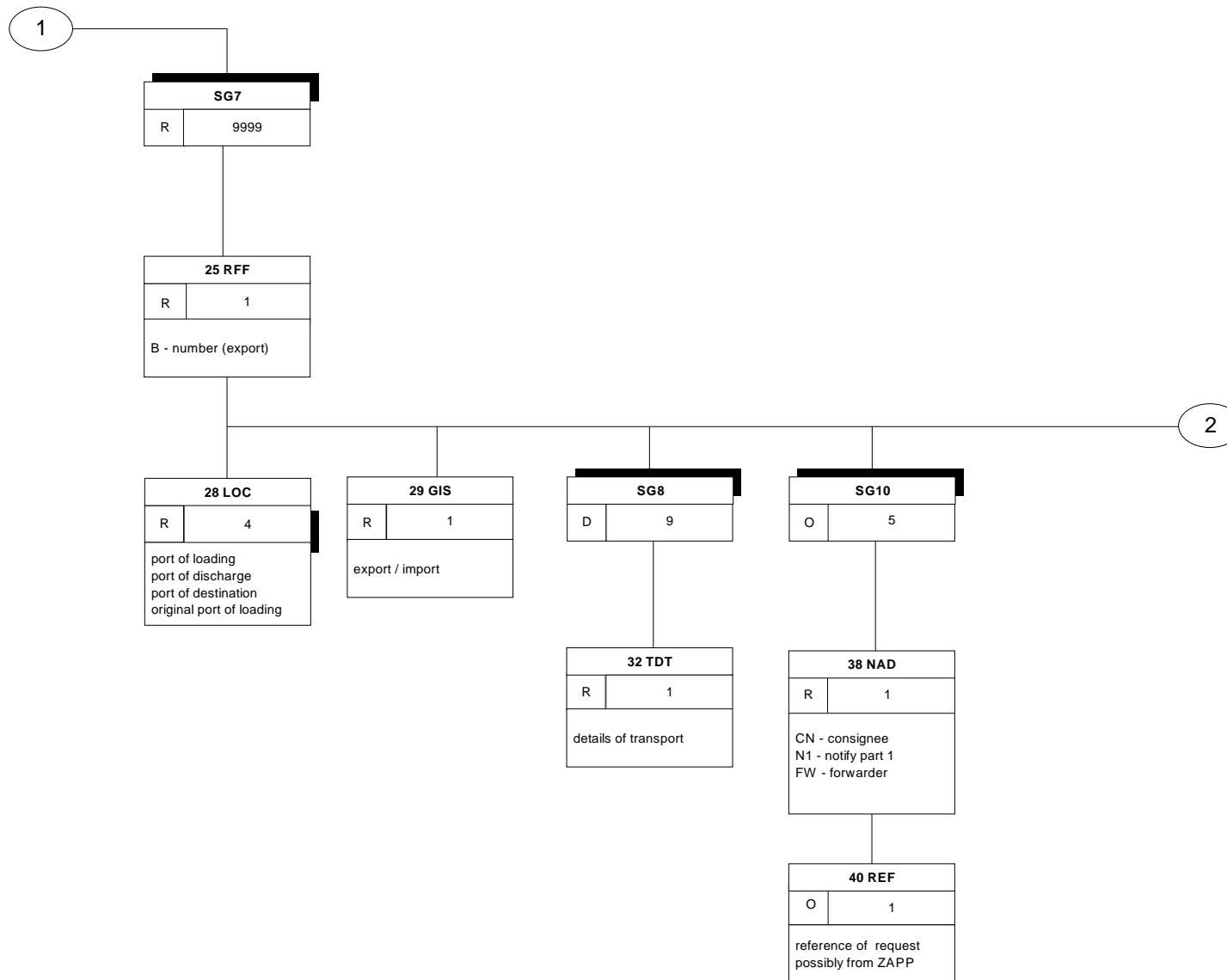
D = Dependent (needs to be transmitted only under the indicated conditions)

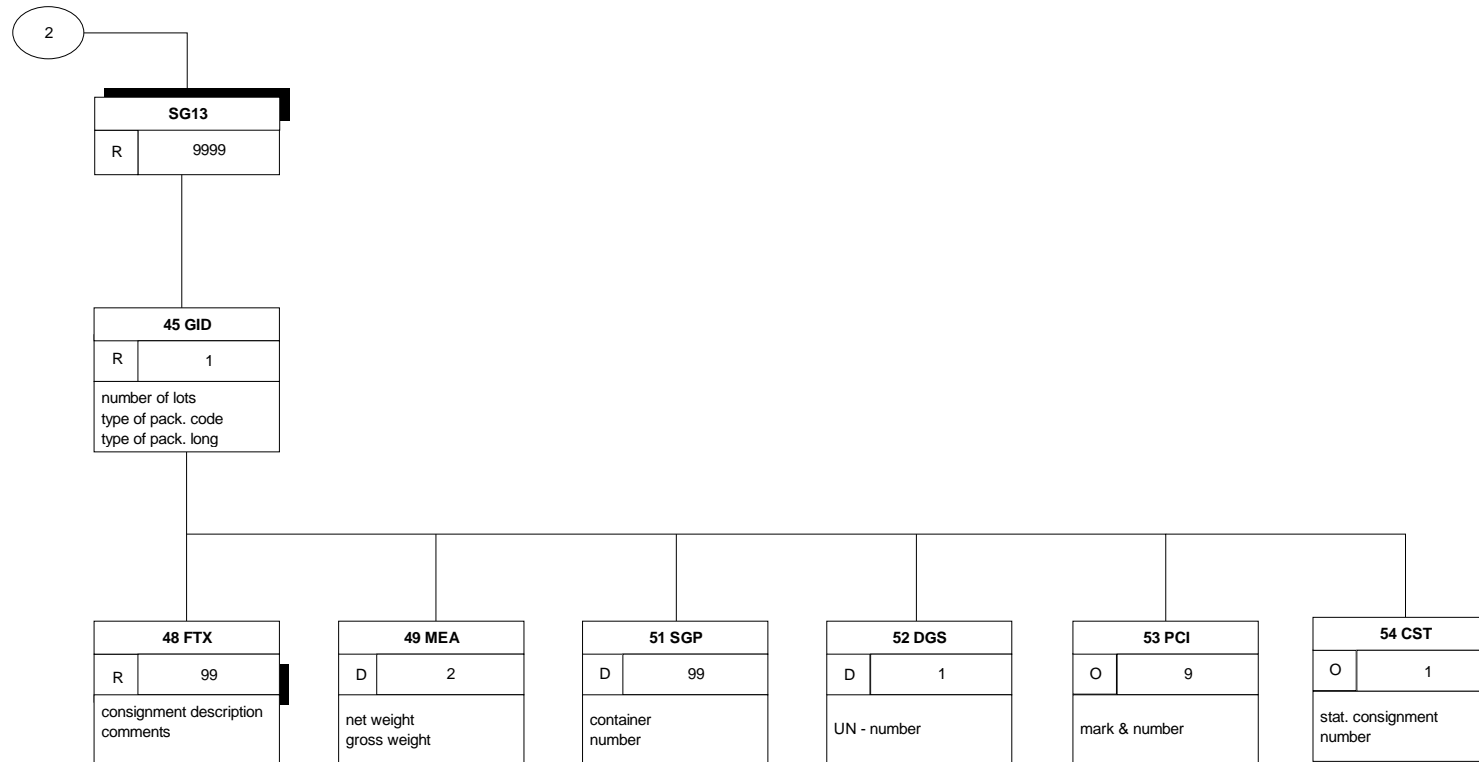
O = Optional (can be transmitted)

X = Not used









6. ZAPP-specific Information

Segment: 2 **BGM**
Name: beginning of message

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
BGM	BGM	R		
C002 C DOCUMENT/MESSAGE NAME		R		
1001 C an..3 document/message name, coded	+85	R	85 = customers manifest (GM02)	
1131 C an..3	:	X		
3055 C an..3	:	X		
1000 C an..35	:	X		
1004 C an..35 DOCUMENT/MESSAGE NUMBER	+	R	UNIQUE	
1225 C an..3 MESSAGE FUNCTION, CODED	+ 9	R	9 = original 5 = replace	-see ^A

A

5 = Replace

The manifest which is to be replaced must be transmitted completely. DAKOSY must hold a current manifest under the DAKOSY user code (segment 5 NAD, DE3039), the call sign (segment 9 TDT, DE 8213) and the voyage number (segment 9 TDT, DE8028).

9 = Original

For a new start, DAKOSY must not hold a current manifest under the DAKOSY user code (segment 5 NAD, DE3039), the call signal (segment 9 TDT, DE8213) and the voyage number (segment 9 TDT, DE8028).

Segment: 3 **DTM**
Name: date/time/period
date of manifest creation

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
DTM	DTM	R		
C507 M date/time		R		
2005 M an..3 qualifier	+137	R	137 = document/message date/time	
2380 C an..35 date/time	:X	R	date and time	
2379 C an..3 format qualifier	:203	R	203 = CCYYMMDDHHMM	

Segment: 5 **NAD**
Name: name and address
ZAPP user, ship owner, broker

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific information
NAD	NAD	R		
3035 M an..3 PARTY QUALIFIER	+MS	R R O	MS=message sender BA=booking agent CA=carrier (ship owner)	
C082 C PARTY ID. DETAILS		R		
3039 M an..35 party id. Identification	+X	R	DAKOSY- Code	


Segment: 6 **CTA**
Name: contact information
contact person

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific information
CTA	CTA	D		
3139 C an..3 CONTACT FUNCTION, CODED	+IC	R	IC = information contact obligatory field, if DE 3035="MS" was indicated in segment 5 NAD	
C056 C DEPARTMENT OR EMPLOYEE DETAILS		R		
3413 C an..17 department or employee identification	+X	X		
3412 C an..35 department or employee	:X	R	processing employee	

Segment: 7 **COM**
Name: communication contact
telephone/fax

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
COM	COM	D		
CO76 M COMMUNICATION CONTACT		R	obligatory field, if DE 3035="MS" was indicated in segment 5 NAD	
3148 M an..512 communication number	+ X	R		an..15
3155 M an..3 communication channel qualifier	:TE	R O	TE=telephone FX=fax	

Segment: 9 **TDT**
 Name: details of transport
 voyage number (broker)
 DAKOSY-ship departure number
 call sign (ship)
 ship's name

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP- specific Information
TDT	TDT	R		
8051 M an..3 TRANSPORT STAGE QUALIFIER	+20	R	20 = main carriage	
8028 C an..17 CONVEYANCE REFERENCE NUMBER	+X	R	voyage number	an..8
C220 C MODE OF TANSPORT	+	X		
C228 C TRANSPORT MEANS	+	X		
C040 C CARRIER		D		
3127 C an..17 CARRIER IDENTIFICATION	+X	D	DAKOSY ship departure number	an..7 -see ^A
8101 C an..3 TRANSIT DIRECTION, CODED	+	X		
C401 C EXCESS TRANSPORTATION INFORMATION	+	X		please turn over 

C222 C TRANSPORT ID.		O		
8213 C an..9 id. of means of transport identification	+X	R	call signal (ship); obligatory field in connection with the departure date (segment 11 DTM, DE 2380), if no DAKOSY-ship departure number was given (DE 3127)	an..7 -see ^A
1131 C an..3 code list qualifier	:103	O	103 = call sign directory for call signs	-see ^A
3055 C an..3 code list responsible agency, coded	:	X		
8212 C an..35 id. of means of transport	:X	R	ship's name in connection with departure date (segment 11 DTM, DE 2380)	-see ^A

A

There are three options that can be used to identify a ship:

Option A: Indication of DAKOSY-ship departure number (TDT, C040, DE 3127). (No further information is required, because all information available will be added automatically from the central DAKOSY-ship departure file)

Option B: Indication of the call signal (TDT, C222, DE 8213), indication of the ship's name (TDT, C222, DE 8212), departure date (Segment 11 DTM, DE 2380) and broker code (segment 5 NAD, qualifier BA, DE 3039)
(A comparison to the ship departure file is carried out and additions are made where necessary)

Option C: Indication of ship departure number „**XXX9999**“ (TDT, C040, DE 3127), the call signal (TDT, C222, DE 8213), the ship's name (C222, DE 8212), the departure date (segment 11 DTM, DE 2380) and the broker code (segment 5 NAD, qualifier BA, DE 3039). The ship departure number „**XXX9999**“ must only be used, if the ship is unknown to the ship departure file.
(A comparison to the ship departure file is carried out and additions are made where necessary)

please turn over 

Plausibility Checks:

All the details given are checked with the central ship departure file. If an error is found, the registration is rejected (exception: option C).

Segment: 11 **DTM**
Name: date/time/period
ship departure date


Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
DTM	DTM	D		
C507 M DATE/TIME/PERIOD		R		
2005 M an..3 date/time/period qualifier	+133	R	133 =estimated date/time of departure R 132=estimated date/time of arrival (import messages only)	
2380 C an..35 date/time/period	:X	R	ship departure date	-see ^A
2379 C an..3 date/time/period format qualifier	:102	R	102 = CCYYMMDD	

A
see note **A** for segment 9 TDT

Segment: 12 **GIS**
Name: general indicator

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
GIS	GIS	D		
C529 M PROCESSING INDICATOR		R		
7365 M an..3 processing indicator, coded	+22	R	22=export 23=import	

Segment: 13 **EQD**
Name: equipment details

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
EQD	EQD	D		
8053 M an..3 EQUIPMENT QUALIFIER	+ CN	R	CN=container	
C237 C EQUIPMENT IDENTIFICATION		R		
8260 C an..17 equipment identification number	+ X	R	container number, formatting: PPPPNNNNNNZ; P=prefix, N=number, Z=test number	an..12 -see ^A
1131 C an..3 code list qualifier	:	X		
3055 C an..3 code list responsible agency, coded	: 5	R	5 = ISO ZZZ = shippers owned	
3207 C an..3 country coded	:	X		
C224 C EQUIPMENT SIZE AND TYPE		R		
8155 C an..10 equipment size and type identification	+X	R	ISO-code	
1131 C an..3 code list qualifier	:	X		please turn over 

3055	C	an..3	:	X		
code list responsible agency, coded						
8154	C	an..3	:	X		
equipment size and type						
8077	C	an..3	+	X		
EQUIPMENT SUPPLIER, CODED						
8249	C	an..3	+	X		
EQUIPMENT STATUS; CODED						
8169	C	an..3	+4	R	4 = empty 5 = full	
FULL/EMPTY INDICATOR, CODED						

A

If a container number is indicated, the prefix is always checked against the BIC-code table. This table lists all officially allocated container prefixes. The allocation is carried out by the "Bureau International des Containers" (BIC).

A plausibility check for the container number is carried out if a prefix is found in this list, regardless of whether the container is labeled "shippers owned" or not.

Container without an official BIC-code must be labeled "shippers owned".

Segment: 23 **CNI**
Name: consignment information


Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP- specific Information
CNI	CNI	R		
1490 C n..4 CONSOLIDATION ITEM NUMBER	+9	R	1,2,3, etc.	
C503 DOCUMENT/MESSAGE DETAILS				
1004 C an..35 document/message number	+X	R	bill of lading number	

Segment: 25 **RFF**
Name: reference

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
RFF	RFF	R		
C506 M REFERENCE		R		
1153 M an..3 reference qualifier	+ ABT	R	ABT=B-number (export) for import (not relevant for ZAPP): BH = house bill of lading number BM = bill of lading number HWB = house waybill number.	
1154 C an..35 reference number	:X	D	B- number If no B-number exists (e.g. for sea transit and transit consignment contract) „NONE“ must be entered into this data field.	an..12
1156 C an..6 line number	:	X		
4000 C an..35 reference version number	:RT	D D	<u>RT=container packed by ship owner</u> EUB= port of destination in the EU	-see ^A see ^B

A

The RT-case is a consolidated container (SACO) which was packed by the ship owner. These containers have more B-numbers than the normal consolidated containers which only have one B-number. The sign 'RT' must be inserted into the data field 4000 in order to enable customs to process them appropriately.

please turn over 

B

In the eventuality of an „EUB-case“ all consignments without a B-number must be marked with „EUB“ in the data field 4000.

All other cases (empty container or transit) which do not require a B-number do not need to be marked. All required information is in the message (Segment 13, EQD oder Segment 29, GIS) .

Segment: 28 **LOC**

Name: discharge/loading port, port of destination

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
LOC	LOC	R		
3227 M an..3 PLACE/LOC. QUALIFIER	+X	R R O D	9 = place/port of loading 11 = place/port of discharge 8 = place of destination please enter the long version if the UN-Locode is not available 76 = original port of loading an indication of the 2-byte ISO country code is sufficient (no check for UN-Locode)	-see ^A
C517 C LOCATION QUALIFIER		R		
3225 C an..25 LOCATION QUALIFIER	+X	D	UN-LOCODE or ISO-CODE	
1131 C an..3 code list qualifier	:	X		
3055 C an..3 code list responsible agency, coded	: 5	R	5 = ISO-CODE 6 = UN/ECE	
3224 C an..70 Place/location	:	D	Fulltext, if UN-Locode for Place of Destination is not known.	


A

Obligatory field for sea-transit only (for statistical use only).

Segment: 29 **GIS**
Name: general indicator

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP- spec. Information
GIS	GIS	D		
C529 M PROCESSING INDICATOR		R		
7365 M an..3 processing indicator, coded	+22	R	22 = export 23 = import 24 = transit 28 = transshipment (for statistical use)	
1131 C an..3 code list qualifier	:	X		
3055 C an..3 code list responsible agency, coded	:	X		

Segment: 32 **TDT**
Name: details of transport
voyage number (agent/broker)
call sign (ship)
ship's name

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP- specific Information
TDT	TDT	D		-see ^A
8051 M an..3 TRANSPORT STAGE QUALIFIER	+10	R	10 = pre-carriage transport 30 = on-carriage transport (for statistical use)	
8028 C an..17 CONVEYANCE REFERENCE NUMBER	+X	O	voyage number	an..8
C220 C MODE OF TRANSPORT		R		
8067 C an..17 mode of transport, coded	+1	R	1 = sea 2 = rail 3 = road 4 = air 5 = inland water	
C228 C TRANSPORT MEANS	+	X		
C040 C CARRIER		O		
3127 C an..17 CARRIER IDENTIFICATION	+X	O	DAKOSY ship departure number	an..7
8101 C an..3 TRANSIT DIRECTION, CODED		X		
C401 C EXCESS TRANSPORTATION INFORMATION		X		
C222 C TRANSPORT IDENTIFICATION		D		
8213 C an..9 id. of means of transport identification	+X	O	call sign (ship); obligatory field if the DAKOSY-ship departure number was not given	an..7
1131 C an..3 code list qualifier	:103	O	103 = call sign directory for call signs	please turn over 

3055	C	an..3	:	X		
code list responsible agency,coded						
8212	C	an..35	:X	D	ship's name (if 8067 has the Qualifier 1)	
id. of means of transport						

A

To be indicated if transport to and from is organized by the ship owner/agent (carriers haulage)

Segment: 38 **NAD**

Name: name and address
owner/liner agent
consignee, notify party 1, forwarder

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
NAD	NAD	O		
3035 M an..3 PARTY QUALIFIER	+ X	O	CN = consignee O N1 = notify party 1 O FW = forwarder	
C082 C PARTY ID. DETAILS			enter C082 if the DAKOSY-code is known, otherwise C058.	
3039 M an..35 party id. identification	+X	R	DAKOSY-code	an..4
1131 C an..3 code list qualifier	: ZZZ	O	ZZZ = mutually agreed	
C058 C NAME AND ADDRESS		D	address (enter C058 if the DAKOSY-code is not known, otherwise C082)	
3124 M an..35 name and address line	+X	R	address	
3124 C an..35 name and address line	:X	O	address	
3124 C an..35 name and address line	:X	O	address	
3124 C an..35 name and address line	:X	O	address	
3124 C an..35 name and address line	:X	O	address	

Segment: 40 **RFF**

Name: reference

request reference

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
RFF	RFF	O		-see ^A
C506 M REFERENCE		R	unique	
1153 M an..3 reference number	+FW	R	FW = forwarder	
1154 C an..35 reference number	:X	R	reference of request	an..16

This segment is only optional in connection with the segment 38 NAD, qualifier FW.

Segment: 45 **GID**

Name: PACKING DETAILS

lot number and type of packages, code and type of packages, long

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
GID	GID	R		
1496 C n..5 GOODS ITEM NUMBER	+1	R	1, 2, 3, etc.	
C213 C NUMBER AND TYPE OF PACKAGES		R		
7224 C n..8 number of packages	+9	R	number of lots	an..6
7065 C an..17 type of packages id.	:X	D	type of packages; DAKOSY-code (obligatory field, if no long version is given)	an..2
1131 C an..3 code list qualifier	:	X		
3055 C an..3 code list responsible agency, coded	:ZZZ	O	ZZZ = mutually agreed	
7064 C an..35 type of packages	:X	D	type of packages; obligatory field if no coding is given	an..7

Segment: 48 **FTX**

Name: free text
description of goods
or additional export information

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
FTX	FTX	R		
4451 M an..3 TEXT SUBJECT QUALIFIER	+AAA	R O	AAA =goods description AAZ = additional export information*	*only the last transmission is saved
4453 C an..3 TEXT FUNCTION, CODED	+	X		
C107 C TEXT REFERENCE	+	X		
C108 C TEXT LITERAL		R		
4440 M an..70 Free text	+X	R D	goods description; additional export information	an..44 an..45 -see ^A
4440 C an..70	:X	O O	goods description, additional export information	an..44 an..45
4440 C an..70	:X	O O	goods description, additional export information	an..44 an..45
4440 C an..70	:X	O O	goods description, additional export information	an..44 an..45
4440 C an..70	:X	O	additional export information	an..45

A

The goods description may have a max. of 4 x 44 bytes.

The additional export information may have a max. of 5 x 45 bytes.

Segment: 49 **MEA**

Name: measurements,
net weight or gross weight or volume or tara

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
MEA	MEA	R		
6311 M an..3 MEASUREMENTS APPLICATION QUALIFIER	+AAE	R	AAE = (measurements) values	
C502 C MEASUREMENTS DETAILS		R		
6313 C an..3 MEA dimension coded	+AAL	O D O	AAL = net weight, (without packaging) G = gross weight (R), (net weight + packaging) AAW = coubage T =Tara	
6321 C an..3 MEA significance coded	:	X		
6155 C an..3 MEA attribute, coded	:	X		
6154 C an..70 MEA attribute	:	X		
C174 C VALUE/RANGE		R		
6411 M an..3 MEA unit qualifier	+KGM	R	KGM = kilogram MTQ = volume	
6314 C n..18 MEA value	:9	R	value	n..11 -see ^A

A

If the grossweight is not marked (e.g. for LCL-Container) the tara weight must be entered into this data field.

please turn over 

B

The weight (net weight or gross weight) is transmitted in the data element 6314. Please note that the weight may have a max. of 8 digits and 3 places. The places should be marked by a comma (e.g. 5,645). The process is rejected if more than 8 digits are transmitted. If more than 3 places are transmitted, all places from the fourth place after the comma will be cut off. Numbers without decimal places may be transmitted without the comma (e.g. 25000 instead of 25000,000).

Segment: 51 **SGP**
Name: EQUIPMENT IDENTIFICATION
 container number

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
SGP	SGP	O		
C237 M EQUIPMENT ID		R		
8260 C an..17 equipment id. Number	+X	R	container number, formatting: PPPPNNNNNNZ; P=prefix, N=number, Z=control number	an..12 A -see
1131 C an..3 code list qualifier	:	X		
3055 C an..3 code list responsible agency, coded	: 5	O	5 = ISO ZZZ = shippers owned	


A

If a container number is indicated, the prefix is always checked against the BIC-code table. This table lists all officially allocated container prefixes. The allocation is carried out by the "Bureau International des Containers" (BIC).

A plausibility check for the container number is carried out if a prefix is found in this list, regardless of whether the container is labeled "shippers owned" or not.

Container without an official BIC-code must be labeled "shippers owned".

Segment: 52 **DGS**
Name: dangerous goods

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
DGS	DGS	D	obligatory for dangerous goods	
8273 C an..3 DANGEROUS GOODS REGULATIONS, CODED	+IMD	R	IMD=sea	
C205 C an..7 HAZARD CODE		R		
8351 M an..7 hazard code identification	+X	R	dangerous goods class	
8078 C an..7 hazard substance/item/page number	:X	O		
8092 C an..10 hazard code version number	:X	O		
C234 C UNDG INFORMATION				
7124 C n4 UNDG number	+9	R	UN-number, for substances without UN-number "0" must be entered	
7088 C an..8 dangerous goods flashpoint	:	X		
C223 C DANGEROUS GOODS SHIPMENT FLASHPOINT				
7106 C n3 shipment flashpoint	+9	D	obligatory field for class 3 goods	please turn over 

6411 C an..3 measure unit qualifier	:CEL	D	CEL = Celsius	
8339 C an..3 PACKING GOUP, CODED	+X	O	obligatory field for „N.O.S.- substances“	

Segment: 53 **PCI**

Name: package identification
 mark and number (marking)

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
PCI	PCI	O		
4233 C an..3 MARKING INSTRUCTIONS, CODED	+24	O O	23 = entire shipment 24 = shipper assigned (marks)	
C210 C MARKS & LABELS		R		
7102 M an..35 shipping marks	+X	R	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20
7102 M an..35 shipping marks	:X	O	mark and number (marking)	an.. 20

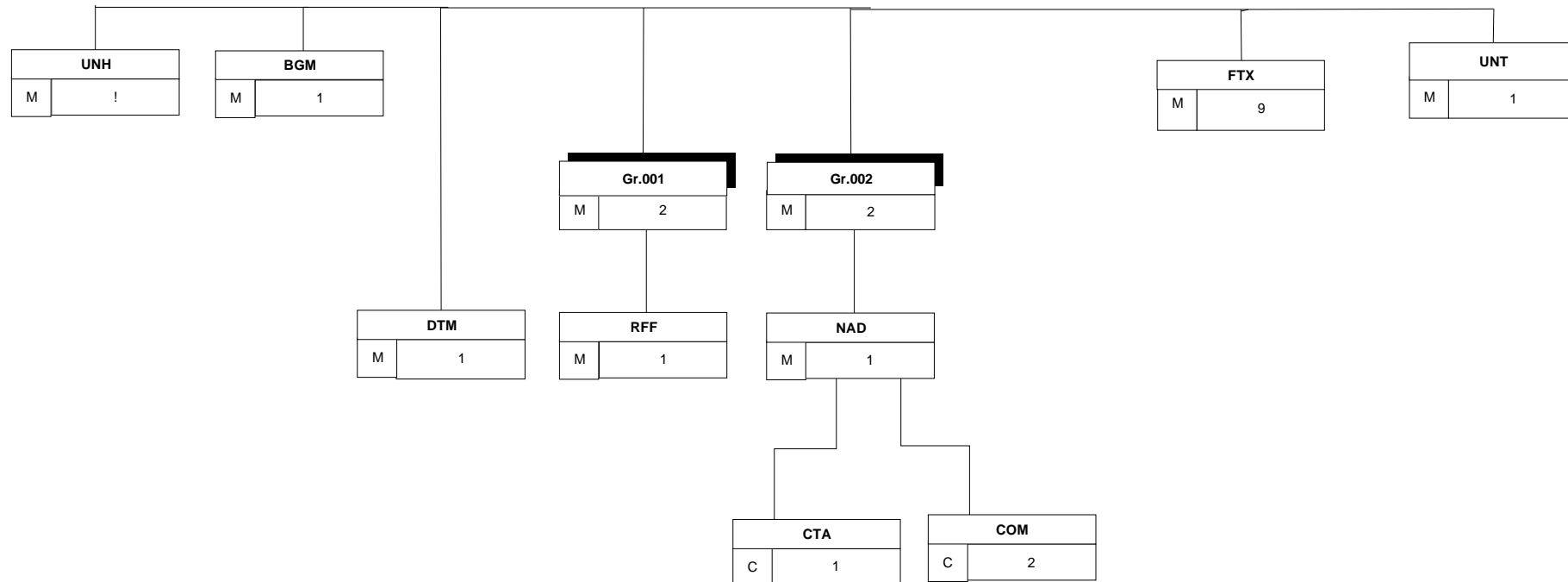
Segment: 54 **CST**

Name: customs status of goods
market order sign and statistical goods number

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
CST	CST	O		
1496 C n..5 GOODS ITEM NUMBER	+1	R	1, 2, 3, etc. (must correspond with the number of the GID-segment)	
C246 C CUSTOMS ID. CODE		R		
7361 M an..18 customs identity codes	+X	R	8-digit statistical goods number; if 12 digits are entered the goods are market order goods	

7. The Cancellation of a Manifest-Message

The cancellation of a manifest-message must be carried out with the EDIFACT-message CANMES (cancellation message).



Segment: **UNH**
Name: message top segment
Function: used to open a message, identify and describe it.

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
0062 M an..14 message reference number	+ X	R	unique	
009 M MESSAGE IDENTIFIER		R		
0065 M an..6 message type id.	+ CANMES	R	Code: CANMES (cancellation message)	
0052 M n..3 message type version number	:D	R	Code: D = version number	
0054 M n..3 message type release number	:96A	R	Code: 96A = release number	
0051 M an..2 controlling agency	:UN	R		
0057 M an..6 association assigned code	:DEGM02	R	Code: DEGM02	

Segment: **BGM**

Name: beginning of message

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
BGM	BGM	R		
C002 C DOCUMENT/MESSAGE NAME		O		
1001 C an..3 document/message name, coded		O		
1131 C an..3	:	X		
3055 C an..3	:	X		
1000 C an..35	:	X		
1004 C an..35 DOCUMENT/MESSAGE NUMBER	+	R	UNIQUE	
1225 C an..3 MESSAGE FUNCTION, CODED	+ 9	R	9 = original	

Segment: **DTM**
Name: date/time/period

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
DTM	DTM	R		
C507 M date/time		R		
2005 M an..3 date/time/period qualifier	+46	R	46 = date of cancellation	
2380 C an..35 date/time	:X	R	date and time	
2379 C an..3 format qualifier	:203	R	203 = CCYYMMDDHHMM	

Segment: **RFF**
Name: reference

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
RFF	RFF	R		
C506 M REFERENCE		R		
1153 M an..3 reference qualifier	+ACW	R	ACW = reference number to previous message	
1154 C an..35 reference number	:X	R	The reference of BGM, DE 1002 of the relevant manifest must be entered here, in order to identify the manifest which is intended to be canceled (EDIFACT-message /CUSCAR).	an12
1156 C an..6 line number		X		
4000 C an..35 reference version number		D		

Segment: **NAD**
Name: name and address

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
NAD	NAD	R		
3035 M an..3 PARTY QUALIFIER	+MS	R	MS=message sender	
C082 C PARTY ID. DETAILS		R		
3039 M an..35 party id. Identification	+X	R	DAKOSY- code	

Segment: **CTA**
Name: contact information
contact person

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
CTA	CTA	O		
3139 C an..3 CONTACT FUNCTION, CODED	+IC	R	IC = information contact	
C056 C DEPARTMENT OR EMPLOYEE DETAILS		R		
3413 C an..17 department or employee identification	+X	X		
3412 C an..35 department or employee	:X	R	processing employee/ telephone	

Segment: **COM**
Name: communication contact
telephone/fax

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
COM	COM	O		
CO76 M COMMUNICATION CONTACT		R		
3148 M an..512 communication number	+ X	R		an..15
3155 M an..3 communication channel qualifier	:TE	R O	TE=telephone FX=fax	

Segment: **FTX**
Name: free text

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
FTX	FTX	O		
4451 M an..3 TEXT SUBJECT QUALIFIER	+ACD	R	ACD = reason for cancellation	
4453 C an..3 TEXT FUNCTION, CODED	+	X		
C107 C TEXT REFERENCE	+	X		
C108 C TEXT LITERAL		O		
4440 M an..70 free text	+X	R		
4440 C an..70	:X	O		
4440 C an..70	:X	O		
4440 C an..70	:X	O		
4440 C an..70	:X	O		

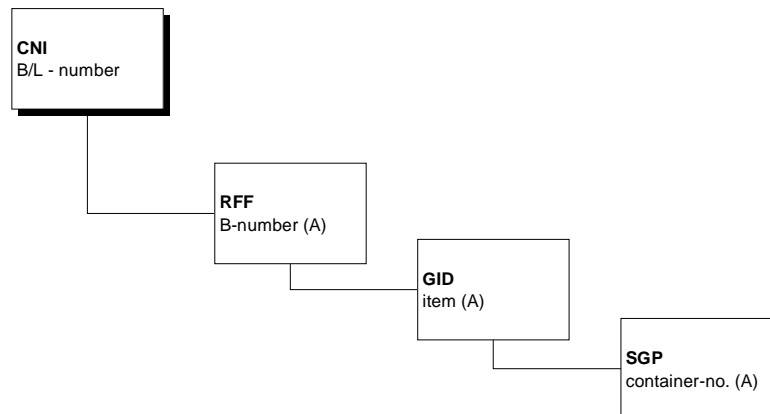
Segment: **UNT**
 Name: message end-segment
 Function: used to end a message and to check it for completeness.

Segment Structure	Values	S	Notes for Application and/or Codes	ZAPP-specific Information
0074 M n..6 MESSAGE SEGMENT COUNTER	+9	R	Number of transmitted segments. Included are the UNH- and the UNT- segment.	
0062 M an..14 MESSAGE REFERENCE NUMBER	+X	R	Message reference number of UNH/0062. On reception the number is compared to the entry in the UNH.	

8. Examples for the Structuring of the Consignment within the Segment Group 6 CNI

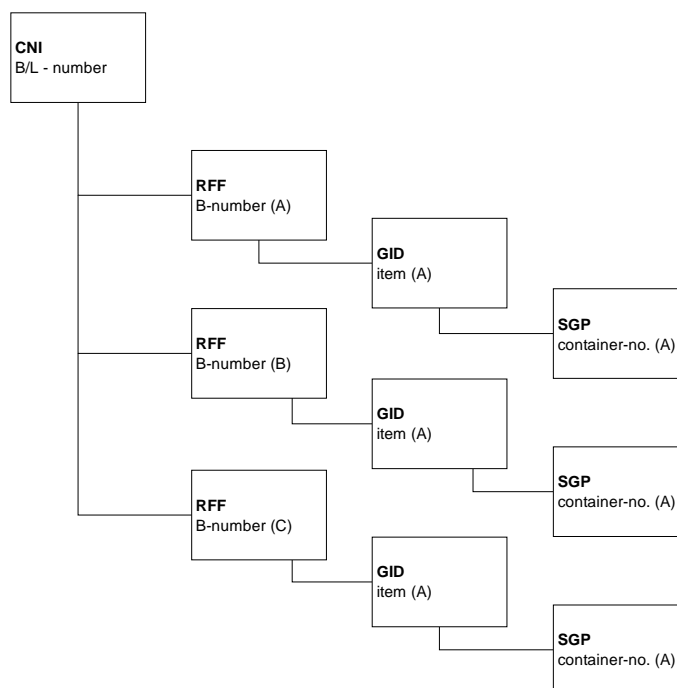
8.1. 1 Container (A) , 1 Item(A) with 1 B-Number (A)

FCL-
or consolidated container

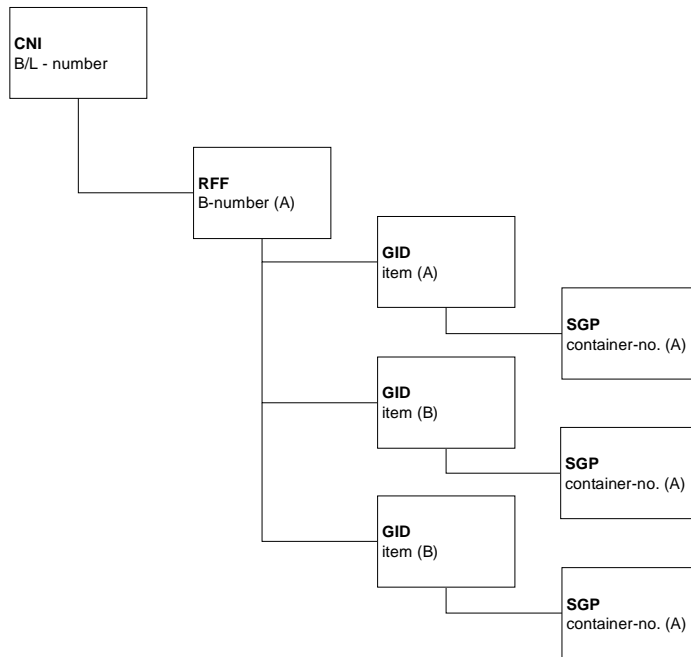


8.2. 1 Container (A) , 3 Items(A,B,C) with 3 B-Numbers (A,B,C)

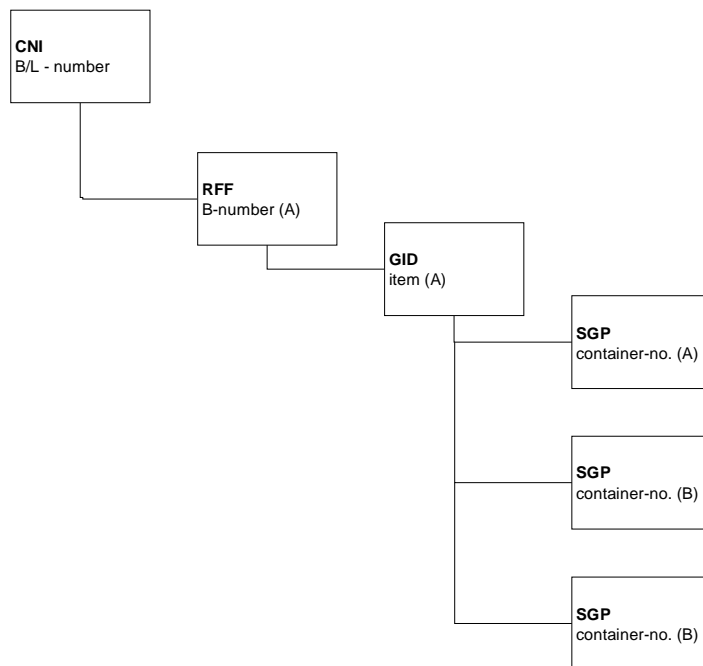
Comment: consolidated container (SACO) is packed by ship owner (RT-case). The manifest allocates all subsets to the SACO via the B-number.



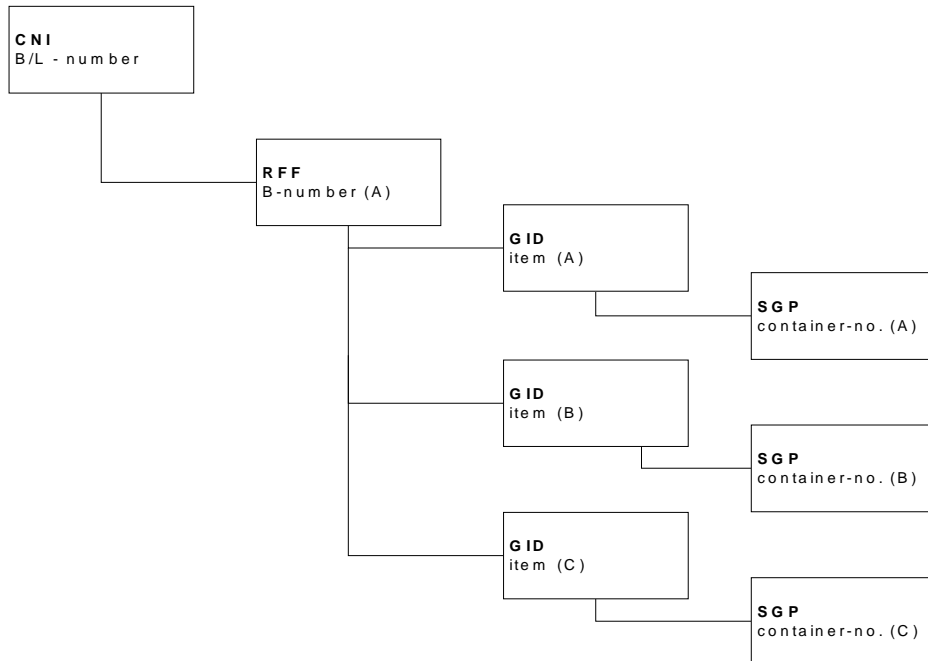
8.3. 1 Container (A) , 3 Items(A,B,C) with 1 B-Number (A)



8.4. 3 Container (A,B,C) , 1 Item (A) with 1 B-Number (A)



8.5. 3 Container (A,B,C) , 3 Items (A,B,C) with 1 B-Number (A)



8.6. 1 Item(A) with 1 B-Number (A)

