



EDI

CONTRL Bookings

Message Implementation Guide

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Change History

Version	Concerned section	Reason	Name	Datum
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1.0.1	UCM->S020	DAKOSY reference number and INTTRA reference number added.	A. Kunze	29.01.2014

Change requests

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Used tools

Number	Used tools
W1	This document was created with the word processing programme MS Word 2010 .

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. Implementation / Guideline Information

The segments are being represented by a universal diagram.

Example:

0470	42	TDT	1	R	1	1	Schiffsname, Reisennummer-Reeder, Funkrufzeichen
		Standard	Implementation				
Bez	Name	St	Format	St	Format	Anwendung / Bemerkung	
TDT							
8051	Transportstrecke/-abschnitt, Qualifier	M	an..3	R	an..3	20 Hauptlauf	
8028	Beförderungsnummer	C	an..17	O	an..17	Hier kann die Reisennummer des Reeders angegeben werden.	
C220	Art des Transportes	C		O			
8067	Transportart, codiert	C	an..3	O	an..3	1 Maritime transport	
8066	Transportart	C	an..17	O	an..17		
C228	Transportmittel	C		O			
8179	Art des Transportmittels, Identifikation	C	an..8	O	an..8	11 Schiff 13 Seeschiff	
8178	Art des Transportmittels	C	an..17	O	an..17		
C040	Frachtführer	C		O			
3127	Frachtführer, Identifikation	C	an..17	O	an..17		
1131	Codeliste, Qualifier	C	an..3	O	an..3	172 Frachtführer-Code	

The first (main) column „EDIFACT“ with its 3 sub-columns describes the structure of the used EDIFACT message. The identifier/number of the respective composite or data element is indicated in the first column, the corresponding meaning/name is indicated in the second column and the third column refers to the usage and format.

The second (main) column „application“ with its 3 sub-columns describes how to use the respective composites and data elements for the GPO.

The first column ST = Status means:

- M (Mandatory) or R (Required)**
 The M will be adopted in this column, if a composite or data element is already mandatory (**M = Mandatory**) in the actual EDIFACT message. In other cases the **R = Required** indicates a required field from the B/L applications' perspective.
- D (Depending)**
 The data units have to be transmitted, in case of certain conditions which either are described in the column "Usage/hints" or derive from the use case. Segment group 32 (Indication of dangerous goods) e.g. carries the status „D“, since the use depends on whether the position/item involves dangerous goods or not.
- C (Conditional/Optional)**
 It is up to the message sender to transmit the data units. In case of doubt an individual regulation between sender and recipient has to be agreed.
- X /N (not used)**

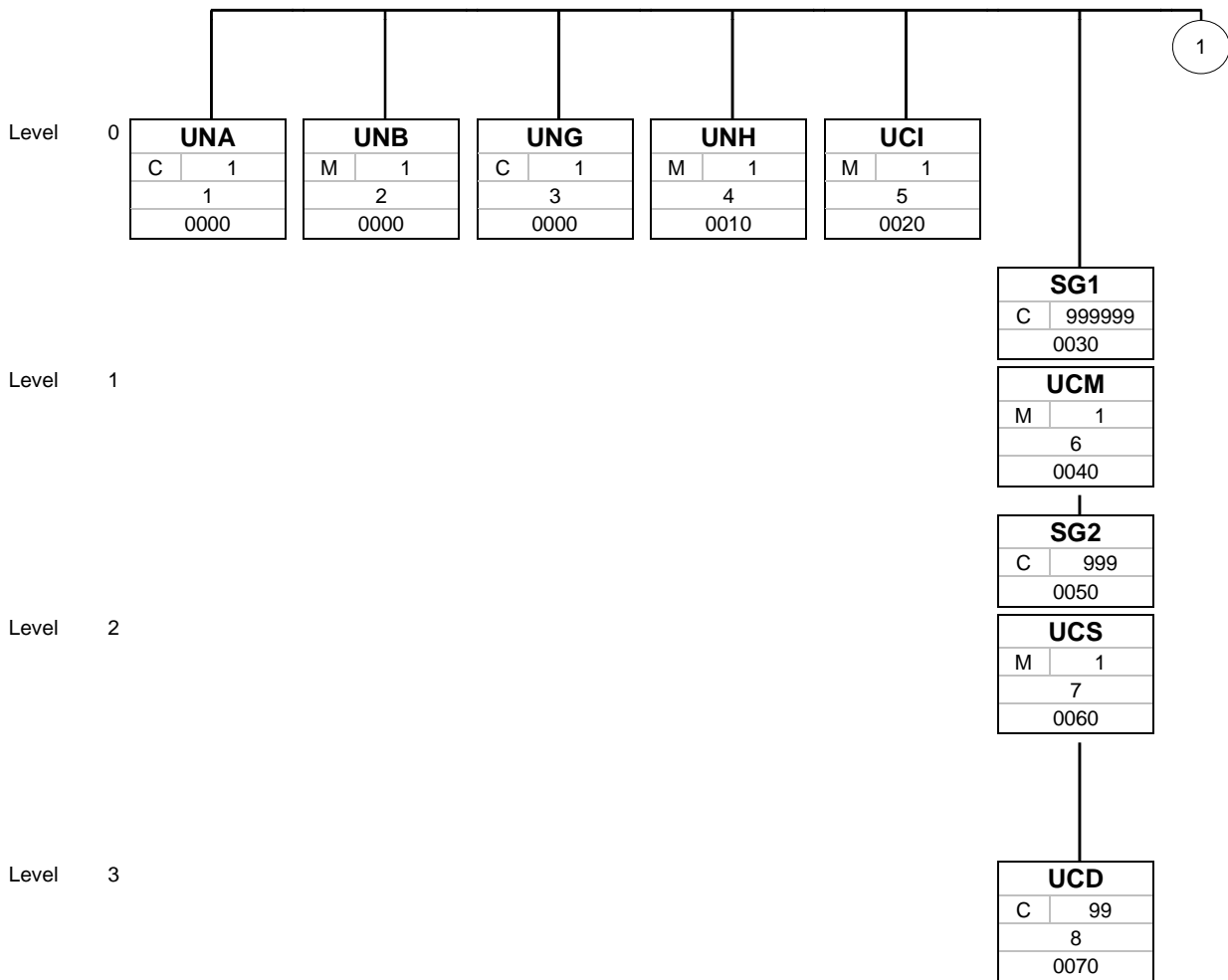
Such identified composites or data elements are not used.

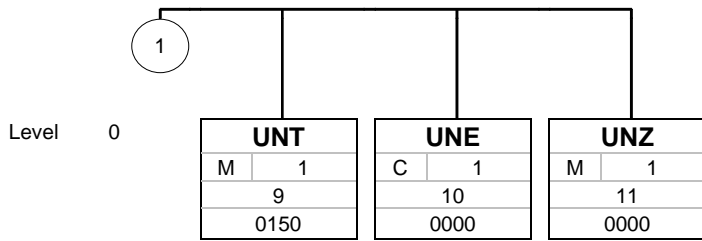
The second column indicates examples to respective data elements and the third column contains important specifications for the usage, such as codes, port-specific conditions or format restrictions.

2. Message Structure

Counte	No	Tag	St	MaxOcc	Level	Content
0000	1	UNA	C	1	0	Service string advice
0000	2	UNB	M	1	0	Interchange header
0000	3	UNG	C	1	0	Group header
0010	4	UNH	M	1	0	Message header
0020	5	UCI	M	1	0	Interchange response
0030		SG1	C	999999	1	UCM-SG2
0040	6	UCM	M	1	1	Message/package response
0050		SG2	C	999	2	UCS-UCD
0060	7	UCS	M	1	2	Segment error indication
0070	8	UCD	C	99	3	Data element error indication
0150	9	UNT	M	1	0	Message trailer
0000	10	UNE	C	1	0	Group trailer
0000	11	UNZ	M	1	0	Interchange trailer

3. Branching Diagram





Counte	No	Name	St	MaxOcc	Ebene	Level
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0000 2 **UNB** (1) M 1 0 Interchange header

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNB				
S001	Syntax identifier	M	M	
0001	Syntax identifier	M a4	M a4	UNOC UN/ECE level C
0002	Syntax version number	M an1	M an1	3 Version 3
0080	Service code list directory version number	C an..6	N	Not used
0133	Character encoding, coded	C an..3	N	Not used
S002	Interchange sender	M	M	
0004	Interchange sender identification	M an..35	M an..35	DAKOSY (+DAKOS)
0007	Identification code qualifier	C an..4	N	Not used
0008	Interchange sender internal identification	C an..35	N	Not used
0042	Interchange sender internal sub-identification	C an..35	N	Not used
S003	Interchange recipient	M	M	
0010	Interchange recipient identification	M an..35	M an..35	The use of the DAKOSY participant code is recommended. However, other denotation can also be used and has to be agreed with DAKOSY.
				Participant code
0007	Identification code qualifier	C an..4	N	Not used
0014	Interchange recipient internal identification	C an..35	N	Not used
0046	Interchange recipient internal sub-identification	C an..35	N	Not used
S004	Date and time of preparation	M	M	
0017	Date	M n8	M n8	Format: YYMMDD
0019	Time	M n4	M n4	The specification of time is assumed to be UTC (GMT).
0020	Interchange control reference	M an..14	M an..14	The reference must be assigned uniquely.
S005	Recipient reference/password details	C	C	
0022	Recipient reference/password	M an..14	N	Not used
0025	Recipient 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	Interchange agreement identifier	C an..35	N	Not used
0035	Test indicator	C n1	C n1	1 Interchange is a test Only to be specified if interchange is a test.

Example:

UNB+UNOC:3+DAKOSY+Participant code+00130922:1257+X+++++1'

Counte	No	Name	St	MaxOcc	Ebene	Level
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0000 3 **UNG** (1) C 1 0 **Group header**

Remark: The UNG header segment opens a functional message group "UNG/UNE". The message group is required for addressing the recipient during the transmission of booking data via the DAKOSY port communication system. The message group "UNG/UNE" may include one or several booking messages for the recipient, specified in UNG.

		Standard	Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNG				
0038	Message group identification	C an..6	C an..6	
S006	Application sender identification	C	C	
0040	Application sender identification	M an..35	M an..35	This data element is used to specify the participant code of the sender.
0007	Identification code qualifier	C an..4	N	Not used
S007	Application recipient identification	C	C	
0044	Application recipient identification	M an..35	M an..35	This data element is used to specify the participant code of the recipient.
0007	Identification code qualifier	C an..4	N	Not used
S004	Date and time of preparation	C	C	
0017	Date	M n8	M n8	Format: YYMMDD
0019	Time	M n4	M n4	The reference must be assigned uniquely.
0048	Group reference number	M an..14	M an..14	
0051	Controlling agency, coded	C an..3	C an..3	UN UN/CEFACT
S008	Message version	C	C	
0052	Message version number	M an..3	M an..3	D Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	M an..3	00B Release 2000 - B
0057	Association assigned code	C an..6	N	Not used
0058	Application password	C an..14	N	Not used

Example:

UNG+CONTRL+Sender+Recipient+20130922:1325+UNG-Reference+UN+D:00B'

Counte	No	Name	St	MaxOcc	Ebene	Level
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0010 4 **UNH** (1) M 1 0 **Message header**

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNH				
0062	Message reference number	M an..14	M an..14	The reference must be assigned uniquely.
S009	Message identifier	M	M	
0065	Message type	M an..6	M an..6	CONTRL Syntax and service report message
0052	Message version number	M an..3	M an..3	D Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	M an..3	00B Release 2000 - B
0051	Controlling agency, coded	M an..3	M an..3	UN UN/CEFACT
0057	Association assigned code	C an..6	N	Not used
0110	Code list directory version number	C an..6	N	Not used
0113	Message type sub-function identification	C an..6	N	Not used
0068	Common access reference	C an..35	N	Not used
S010	Status of the transfer	C	N	
0070	Sequence of transfers	M n..2	N	Not used
0073	First and last transfer	C a1	N	Not used
S016	Message subset identification	C	N	
0115	Message subset identification	M an..14	N	Not used
0116	Message subset version number	C an..3	N	Not used
0118	Message subset release number	C an..3	N	Not used
0051	Controlling agency, coded	C an..3	N	Not used
S017	Message implementation guideline identification	C	N	
0121	Message implementation guideline identification	M an..14	N	Not used
0122	Message implementation guideline version number	C an..3	N	Not used
0124	Message implementation guideline release number	C an..3	N	Not used
0051	Controlling agency, coded	C an..3	N	Not used
S018	Scenario identification	C	N	
0127	Scenario identification	M an..14	N	Not used
0128	Scenario version number	C an..3	N	Not used
0130	Scenario release number	C an..3	N	Not used
0051	Controlling agency, coded	C an..3	N	Not used

Example:

UNH+UNH-Reference+CONTRL:D:00B:UN'

Counte	No	Name	St	MaxOcc	Ebene	Level
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0020 5 **UCI** (1) M 1 0 Interchange response

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UCI				
0020	Interchange control reference	M an..14	M an..14	
S002	Interchange sender	M	M	
0004	Interchange sender identification	M an..35	M an..35	Code of participant
0007	Identification code qualifier	C an..4	N	Not used
0008	Interchange sender internal identification	C an..35	N	Not used
0042	Interchange sender internal sub-identification	C an..35	N	Not used
S003	Interchange recipient	M	M	
0010	Interchange recipient identification	M an..35	M an..35	DAKOSY
0007	Identification code qualifier	C an..4	N	Not used
0014	Interchange recipient internal identification	C an..35	N	Not used
0046	Interchange recipient internal sub-identification	C an..35	N	Not used
0083	Action, coded	M an..3	M an..3	4 This level and all lower levels rejected 7 This level acknowledged and all lower levels acknowledged if not explicitly rejected 8 Interchange received 1 UNA not supported
0085	Syntax error, coded	C an..3	C an..3	
0135	Service segment tag, coded	C an..3	N	Not used
S011	Data element identification	C	C	
0098	Erroneous data element position in segment	M n..3	M n..3	
0104	Erroneous component data element position	C n..3	C n..3	
0136	Erroneous data element occurrence	C n..6	C n..6	
0534	Security reference number	C an..14	N	Not used
0138	Security segment position	C n..6	N	Not used

Example:

UCI+X+Participant code+DAKOSY+4+7++9:9'

Counte	No	Name	St	MaxOcc	Ebene	Level
0030		SG1 (1)	C	999999	1	UCM-SG2
0040	6	UCM (1)	M	1	1	Message/package response

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UCM				
0062	Message reference number	C an..14	C an..14	
S009	Message identifier	C	C	
0065	Message type	M an..6	M an..6	
0052	Message version number	M an..3	M an..3	
0054	Message release number	M an..3	M an..3	
0051	Controlling agency, coded	M an..3	M an..3	
0057	Association assigned code	C an..6	C an..6	
0110	Code list directory version number	C an..6	N	Not used
0113	Message type sub-function identification	C an..6	N	Not used
0083	Action, coded	M an..3	M an..3	4 This level and all lower levels rejected 7 This level acknowledged and all lower levels acknowledged if not explicitly rejected
0085	Syntax error, coded	C an..3	C an..3	2 Syntax version or level not supported 7 Interchange recipient not actual recipient 12 Invalid value 13 Missing 14 Value not supported in this position 15 Not supported in this position 16 Too many constituents 17 No agreement 18 Unspecified error 20 Character invalid as service character 21 Invalid character(s) 22 Invalid service character(s) 23 Unknown Interchange sender 24 Too old 25 Test indicator not supported 26 Duplicate detected 28 References do not match 29 Control count does not match number of instances received 30 Groups and messages/packages mixed 32 Lower level empty 33 Invalid occurrence outside message, package, or group 35 Too many data element or segment repetitions 36 Too many segment group repetitions 37 Invalid type of character(s) 39 Data element too long 40 Data element too short 44 Trailing separator 45 Character set not supported 46 Envelope functionality not supported
0135	Service segment tag, coded	C an..3	C an..3	
S011	Data element identification	C	C	
0098	Erroneous data element position in segment	M n..3	R n..3	
0104	Erroneous component data element position	C n..3	O n..3	
0136	Erroneous data element occurrence	C n..6	O n..6	
0800	Package reference number	C an..35	N	Not used
S020	Reference identification	C	C	

0813	Reference qualifier	M an..3	M an..3	1 Object identification number 2 Application message reference number 1 = DAKOSY reference number 2 = INTTRA reference number
0802	Reference identification number	M an..35	M an..35	
0534	Security reference number	C an..14	N	Not used

		Standard	Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
0138	Security segment position	C n..6	N	Not used

Example:

UCM+X+CONTRL:1:1:AA:X+4+2+UCD+::9++1:X'

Counte	No	Name	St	MaxOcc	Ebene	Level
0030		SG1 (1)	C	999999	1	UCM-SG2
0050		SG2 (1)	C	999	2	UCS-UCD
0060	7	UCS (1)	M	1	2	Segment error indication

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UCS				
0096	Segment position in message body	M n..6	M n..6	
0085	Syntax error, coded	C an..3	C an..3	

Example:

UCS+X+X'

Counte	No	Name	St	MaxOcc	Ebene	Level
0030		SG1 (1)	C	999999	1	UCM-SG2
0050		SG2 (1)	C	999	2	UCS-UCD
0070	8	UCD (1)	C	99	3	Data element error indication

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UCD				
0085	Syntax error, coded	M an..3	M an..3	
S011	Data element identification	M	M	
0098	Erroneous data element position in segment	M n..3	M n..3	
0104	Erroneous component data element position	C n..3	C n..3	
0136	Erroneous data element occurrence	C n..6	C n..6	

Example:

UCD+X+X:X:9'

Counte	No	Name	St	MaxOcc	Ebene	Level
0150	9	UNT (1)	M	1	0	Message trailer

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNT				
0074	Number of segments in a message	M n..10	M n..10	
0062	Message reference number	M an..14	M an..14	

Example:

UNT+X+X'

Counte	No	Name	St	MaxOcc	Ebene	Level
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0000 10 **UNE** (1) C 1 0 **Group trailer**

Standard			Implementation	
Bez	Name	St Format	St Format	Anwendung / Bemerkung
UNE				
0060	Group control count	M n..6	M n..6	
0048	Group reference number	M an..14	M an..14	

Example:
 UNE+1+X'

Counte	No	Name	St	MaxOcc	Ebene	Level
0000	11	UNZ (1)	M	1	0	Interchange trailer

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

Example:

UNZ+1+X'