



Message Implementation Guide

IFTSAI

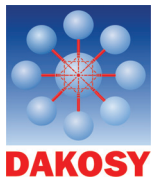
Version 2.0.5, VIP

based on

IFTSAI

Forwarding and transport schedule and availability information message

UN D.00B S3



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List of modifications:

Version	Description	Modified / date	Verified / date	Release/date
2.0.4	<ul style="list-style-type: none">- Layout, descriptions (div)- Explanation / example of location codes in appendix- Repetitions of SG5 set to 999- Removed from DTM: scheduled arrival date scheduled departure date	Schwanke, 11/05/08		
2.0.5	<ul style="list-style-type: none">- 9999999 as IMO-number for unknown vessels- DAKOSY participant codes allowed as carrier codes- Added B/L Layout Key- DAKOSY Voyage number moved to SG4	Schwanke, 02/11/09		

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1 Introduction

The IFTSAI vessel schedule message which is described in this document is part of the Vessel Information Platform (VIP) provided by DAKOSY. It can be used both to send schedules to VIP (e. g. carriers) and to receive schedule data from VIP (e. g. freight forwarders).

The message implementation guide (MIG) is based on the MIG provided by the SMDG (IFTSAI version 2.0 D00B, www.smdg.org). The intention is to provide a description that still complies with the standard but is reduced to the information, codes and qualifiers which are required by VIP.

Only when local requirements had to be considered, minor modifications to the standard definition were made, e. g. in order to include references of local port information systems (DAKOSY Voyage number).

Unlike the classical information system SHIPS that only provided departures from Hamburg und Bremerhaven, VIP covers outbound and inbound schedules from and to European Ports.

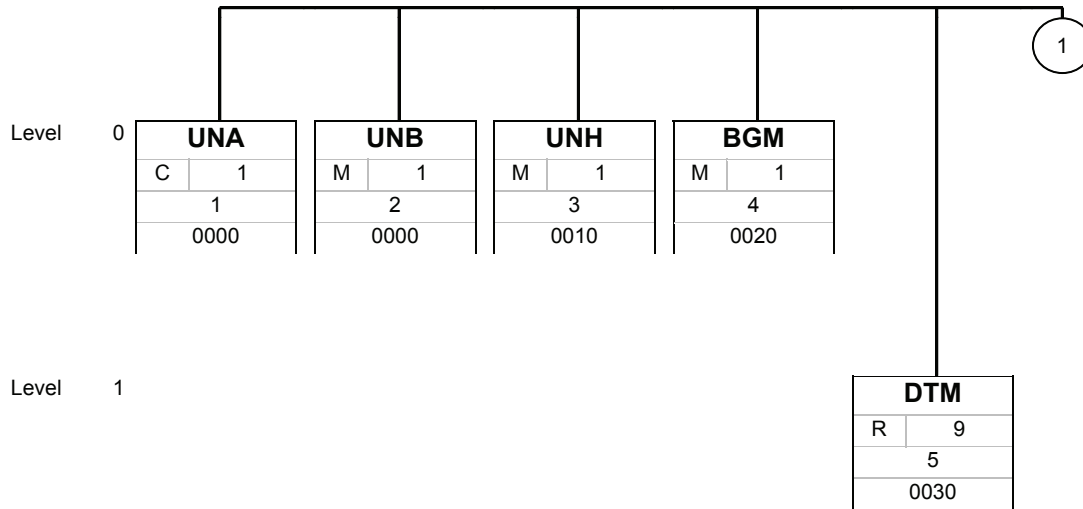
2 Structure

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	M	1	0	Beginning of message
0030	5	DTM	R	9	1	Date/time/period
0040	6	FTX	C	99	1	Free text
0200		SG4	M	999	1	TDT-RFF-RFF-RFF-RFF-FTX-SG5
0210	7	TDT	M	1	1	Details of transport
0240	8	RFF	C	1	2	Call Sign
0240	9	RFF	O	9	2	Reference
0240	10	RFF	O	1	2	Reference
0240	11	RFF	D	1	2	DAKOSY Voyage Number
0250	12	FTX	C	9	2	Free text
0290		SG5	R	999	2	LOC-DTM-RFF-RFF
0300	13	LOC	M	1	2	Place/location identification
0310	14	DTM	R	9	3	Date/time/period
0320	15	RFF	D	1	3	Reference
0320	16	RFF	C	9	3	B/L Layout key
0550	17	UNT	M	1	0	Message trailer
0000	18	UNZ	M	1	0	Interchange trailer

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

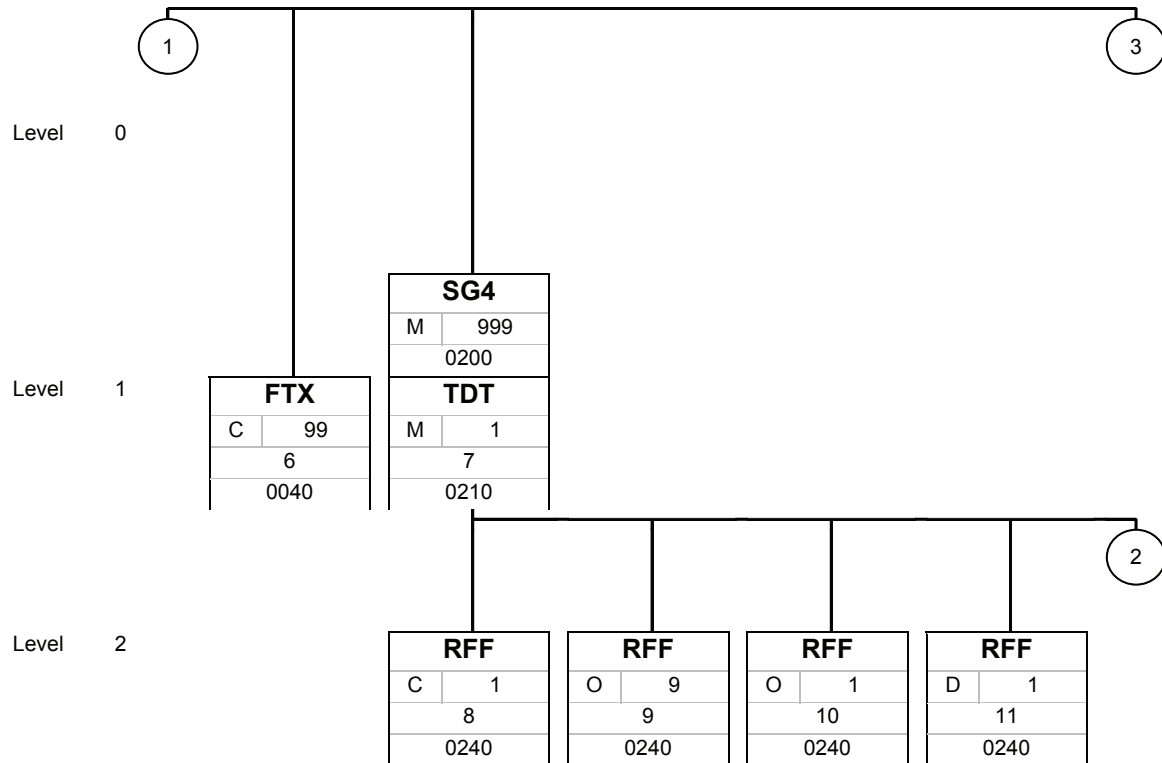
St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional,
 D=Dependent, A=Advised, N=Not used

3 Branching Diagram



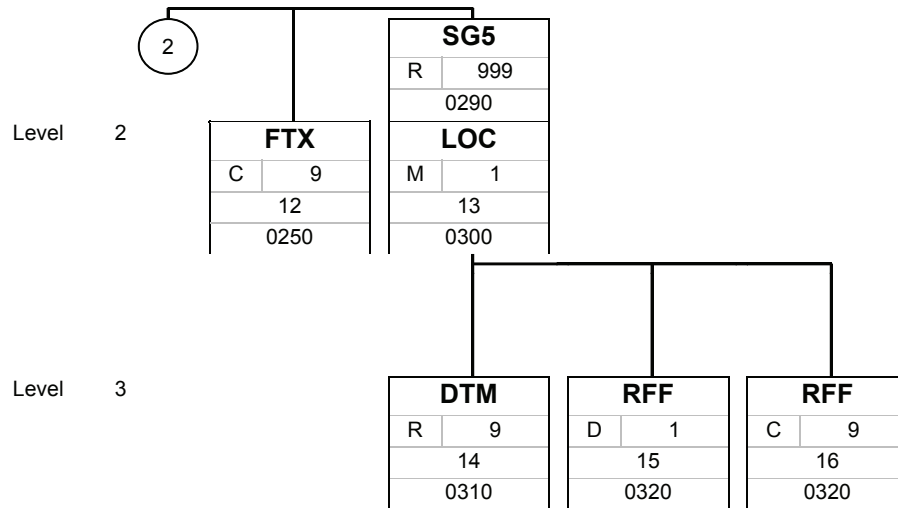
Tag
St MaxOcc
No
Counter

Tag = Segment/Group Tag
 St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
 MaxOcc = Maximum occurrence of the segment/group
 No = Consecutive segment number
 Counter = Counter of segment/group within the standard



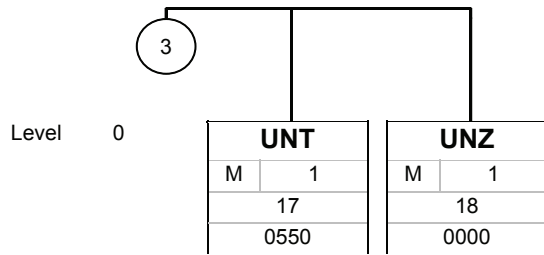
Tag
St MaxOcc
No
Counter

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No
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St MaxOcc
No
Counter

Tag = Segment/Group Tag
 St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
 MaxOcc = Maximum occurrence of the segment/group
 No = Consecutive segment number
 Counter = Counter of segment/group within the standard

Counter	No	Tag	St	MaxOcc	Level	Name
0000	2	UNB	M	1	0	Interchange header

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
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	C an..4	ZZZ Mutually defined
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	
0007	Partner identification code qualifier	C an..4	C an..4	ZZZ Mutually defined
0014	Routing address	C an..14	N	Not used
S004	Date/time of preparation	M	M	
0017	Date of preparation	M n6	M n6	
0019	Time of preparation	M n4	M n4	
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	Please note: If the message shall be sent into production system, this element MUST NOT be set! 1 Interchange is a test

Remark:

Example:

UNB+UNOC:3+HLF:ZZZ+DAKOSY:ZZZ+070507:1739+UNB0REFERENCE+++++1'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0010	3	UNH	M	1	0	Message header

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNH				
0062	Message reference number	M an..14	M an..14	
S009	Message identifier	M	M	
0065	Message type	M an..6	R an..6	IFTSAI Forwarding and transport schedule and availability information
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	M an..2	M an..2	UN UN/CEFACT
0057	Association assigned code	C an..6	M an..6	SMDG20
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

Remark:

Example:

UNH+UNHOREFERENCE+IFTSAI:D:00B:UN:SMDG20'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

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Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	BGM	M	1	0	Beginning of message

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
BGM				
C002	Document/message name	C	C	
1001	Document name code	C an..3	R an..3	404 Means of transportation schedule information
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
1000	Document name	C an..35	N	Not used
C106	Document/message identification	C	C	
1004	Document identifier	C an..35	R an..35	Sender's unique reference number, e.g. 2342. Must be a Unique identifier per Document.
1056	Version identifier	C an..9	N	Not used
1060	Revision identifier	C an..6	N	Not used
1225	Message function code	C an..3	C an..3	1 Cancellation 5 Replace 9 Original
4343	Response type code	C an..3	N	Not used

Remark:

Example:

BGM+404+DOCUMENTREFERENCE+9'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0030	5	DTM	R	9	1	Date/time/period

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	R an..3	137 Document/message date/time
2380	Date or time or period value	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	203 CCYMMDDHHMM 303 CCYMMDDHHMMZZZ 205 CCYMMDDHHMMZHHMM

Remark:

A segment to indicate date(s) and time(s) applying to the whole message.

Example:

DTM+137:200704201523:203'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0040	6	FTX	C	99	1	Free text

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an..3	AAI General information TRA Transportation information ZZZ Mutually defined
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	N	
4441	Free text value code	M an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	C	
4440	Free text value	M an..512	M an..512	
4440	Free text value	C an..512	C an..512	
4440	Free text value	C an..512	C an..512	
4440	Free text value	C an..512	C an..512	
4440	Free text value	C an..512	C an..512	
3453	Language name code	C an..3	N	Not used
4447	Free text format code	C an..3	N	Not used

Remark:

Example:

FTX+AAI+++GLOBAL ALLIANCE:x:x:x:x'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name	
	0200	SG4	M	999	1	TDT-RFF-FTX-SG5	
	0210	7	TDT	M	1	1	Details of transport

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
TDT				
8051	Transport stage code qualifier	M an..3	M an..3	20 Main-carriage transport
8028	Means of transport journey identifier	C an..17	R an..17	Main carriage or Carrier's internal voyage number. In case voyage number is unknown, VIP will assign a voyage number
C220	Mode of transport	C	C	
8067	Transport mode name code	C an..3	O an..3	1 Maritime transport
8066	Transport mode name	C an..17	N	Not used
C228	Transport means	C	C	
8179	Transport means description code	C an..8	C an..8	8 Container ship 66 Roll on - roll off vessel 67 Ferry 3 Dry bulk carrier 11 Ship 13 Ocean vessel 50 Passenger vessel 52 General cargo vessel 54 Liquefied Petroleum Gas (LPG) carrier 55 Liquefied Natural Gas (LNG) carrier 56 Grain carrier 59 Steel products vessel 63 Ore carrier
8178	Transport means description	C an..17	C an..17	
C040	Carrier	C	R	
3127	Carrier identifier	C an..17	R an..4	
1131	Code list identification code	C an..17	C an..17	172 Carriers
3055	Code list responsible agency code	C an..3	C an..3	182 US, Standard Carrier Alpha Code (Motor) ZZZ Mutually defined ZZZ only allowed, if no SCAC is available, i. e. liner agents, NVOCC
3128	Carrier name	C an..35	C an..35	
8101	Transit direction indicator code	C an..3	N	Not used
C401	Excess transportation information	C	N	
8457	Excess transportation reason code	M an..3	N	Not used
8459	Excess transportation responsibility code	M an..3	N	Not used
7130	Customer shipment authorisation identifier	C an..17	N	Not used
C222	Transport identification	C	R	

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
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User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

8213	Transport means identification name identifier	C an..9	R N7	Only the IMO-number will be accepted. If the exact vessel name is unknown, 9999999 will be accepted.
1131	Code list identification code	C an..17	C an..17	146 Means of transport identification
3055	Code list responsible agency	C an..3	C an..3	11 Lloyd's register of shipping

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
	code			
8212	Transport means identification name	C an..35	C an..35	
8453	Transport means nationality code	C an..3	C an..3	ISO country code, e.g. GB for United Kingdom, DE for Germany
8281	Transport means ownership indicator code	C an..3	N	Not used

Remark:

Example:

TDT+20+89206+1+11:X+HLCU:172:182:HAPAG LLOYD+++8902541:146:11:LEVERKUSEN EXPRESS:AD'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional,
 D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0200		SG4	M	999	1	TDT-RFF-FTX-SG5
0240	8	RFF	C	1	2	Call Sign

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	VM Vessel identification Call Sign Since the IMO-number is used in the TDT-segment to identify a vessel, the call sign might only be sent in a RFF.
1154	Reference identifier	C an..70	C an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+VM:98E45'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0200		SG4	M	999	1	TDT-RFF-FTX-SG5
0240	9	RFF	O	9	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	VON Voyage number CRN Conveyance reference number Carrier's internal voyage number. ZZZ Mutually defined reference number CN Carrier's reference number
1154	Reference identifier	C an..70	C an..70	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+VON:789345'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional,
 D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name	
	0200	SG4	M	999	1	TDT-RFF-FTX-SG5	
	0240	10	RFF	O	1	2	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	ANK Reference number assigned by third party Carrier is vessel operator: Only these schedules are published by DVZ.
1154	Reference identifier	C an..70	C an..1	J Vessel operator and Carrier are identical N Carrier is not the vessel operator Default value is 'J' and will be assumed if this segment is left out.
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+ANK: J'
RFF+ANK: '
RFF+ANK: N'

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0200		SG4	M	999	1	TDT-RFF-FTX-SG5
0240	11	RFF	D	1	2	DAKOSY Voyage Number

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	DAK DAKOSY-Reisennummer
1154	Reference identifier	C an..70	C an7	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

The voyage number is only available with Hamburg or Bremerhaven as port of loading.
The number is created by VIP and will not be sent by the carrier.

Example:

RFF+DAK:EVG15A7'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
	0200	SG4	M	999	1	TDT-RFF-FTX-SG5
	0250	FTX	C	9	2	Free text

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
FTX				
4451	Text subject code qualifier	M an..3	M an..3	AAI General information
4453	Free text function code	C an..3	N	Not used
C107	Text reference	C	N	
4441	Free text value code	M an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C108	Text literal	C	C	
4440	Free text value	M an..512	M an..512	
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	N	Not used
4440	Free text value	C an..512	C an..512	
3453	Language name code	C an..3	N	Not used
4447	Free text format code	C an..3	N	Not used

Remark:

Example:

FTX+AAI+++Additional information on voyage level::::X'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

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User specific: R=Required, O=Optional,
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Counter	No	Tag	St	MaxOcc	Level	Name
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0290 **SG5** R 999 2 **LOC-DTM-RFF**

The standard on which this guide is based defines 99 repetitions. Due the requirements of the transport industry the number has been increased by SMDG up to 999 in order to get the places of acceptance and delivery related to a main port. Subsequent standards will adopt the higher number.

0300 13 **LOC** M 1 2 **Place/location identification**

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LOC				
3227	Location function code qualifier	M an..3	M an..3	7 Place of delivery 9 Place/port of loading 11 Place/port of discharge 13 Place of transhipment 65 Final port or place of discharge 88 Place of receipt 153 Port of call 10 Place of acceptance
C517	Location identification	C	R	
3225	Location name code	C an..25	R an..5	Only UN location codes are allowed.
1131	Code list identification code	C an..17	M an..17	139 Port
3055	Code list responsible agency code	C an..3	R an..3	6 UN/ECE (United Nations - Economic Commission for Europe)
3224	Location name	C an..256	C an..256	
C519	Related location one identification	C	D	Terminal Has to be assigned to: Port of Loading (Export schedule) or Port of Discharge (Import schedule) Required for Hamburg as Port of Loading
3223	First related location name code	C an..25	D an..25	Hamburg: four letter code DAKOSY-Code Code list available on: http://www.dakosy-direct.de
1131	Code list identification code	C an..17	C an..17	72 Container terminal
3055	Code list responsible agency code	C an..3	C an..3	6 UN/ECE (United Nations - Economic Commission for Europe) ZZZ Mutually defined
3222	First related location name	C an..70	C an..70	
C553	Related location two identification	C	C	Packing Facility, if available
3233	Second related location name code	C an..25	C an..25	
1131	Code list identification code	C an..17	C an..17	263 Packing and/or unpacking facility
3055	Code list responsible agency code	C an..3	C an..3	6 UN/ECE (United Nations - Economic Commission for Europe) ZZZ Mutually defined
3232	Second related location name	C an..70	C an..70	
5479	Relation code	C an..3	N	Not used

Remark:

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Counter = Counter of segment/group within the standard

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EDIFACT: M=Mandatory, C=Conditional
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A segment to identify a location, e.g. port of departure/arrival ,
place of acceptance and delivery

If e. g. the closing times both of LCL and FCL shall be transmitted, the port of loading has to be sent two times because only one terminal can be assigned to a location. Thus one location describes the packing facility, the other describes the container terminl.

Example:

LOC+9+DEHAM:139:6:HAMBURG+BK9:72:ZZZ:CONTAINER TERMINAL BURCHARDKAI+BK5:263:ZZZ:Packing Facility'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
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St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0290 **SG5** R 999 2 **LOC-DTM-RFF**

The standard on which this guide is based defines 99 repetitions. Due the requirements of the transport industry the number has been increased by SMDG up to 999 in order to get the places of acceptance and delivery related to a main port. Subsequent standards will adopt the higher number.

0310 14 **DTM** R 9 3 **Date/time/period**

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	132 Arrival date/time, estimated 133 Departure date/time, estimated 180 Closing date/time Closing date/time for FCL: Ultimate date/time at which a container can be delivered to a terminal. 262 Closure date/time/period Closing date/time for LCL/break bulk: Ultimate date/time at which a consignment can be delivered to a break bulk terminal or a packing facility. 756 Closing time for transmission of customs data according to 24h-rule (e.g.. AMS, ACI) All closing times are related to the port of loading.
2380	Date or time or period value	C an..35	C an..35	
2379	Date or time or period format code	C an..3	C an..3	102 CCYYMMDD 203 CCYYMMDDHHMM 205 CCYYMMDDHHMMZHHMM 303 CCYYMMDDHHMMZZZ

Remark:

A segment to indicate date(s) and time(s) related to the location, e.g. date/time of scheduled departure/arrival.

Example:

DTM+133:20070301:102'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional,
 D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
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0290		SG5	R	999	2	LOC-DTM-RFF
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The standard on which this guide is based defines 99 repetitions. Due the requirements of the transport industry the number has been increased by SMDG up to 999 in order to get the places of acceptance and delivery related to a main port. Subsequent standards will adopt the higher number.

0320	15	RFF	D	1	3	Reference
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Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	Voyage number used by a local port information system, e.g. Port Infolink, dbh or DAKOSY. The number is assigned by the dbh. It MUST NOT be sent by the Carrier. DBH DbhVoyage
1154	Reference identifier	C an..70	C an..7	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

Example:

RFF+DBH:A123456'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name	
	0290	SG5	R	999	2	LOC-DTM-RFF	
<p>The standard on which this guide is based defines 99 repetitions. Due the requirements of the transport industry the number has been increased by SMDG up to 999 in order to get the places of acceptance and delivery related to a main port. Subsequent standards will adopt the higher number.</p>							
	0320	16	RFF	C	9	3	B/L Layout key

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	AJW Technical document number DAKOSY B/L layout key
1154	Reference identifier	C an..70	R an3	
1156	Document line identifier	C an..6	N	Not used
4000	Reference version identifier	C an..35	N	Not used
1060	Revision identifier	C an..6	N	Not used

Remark:

DAKOSY three letter layout key specifying the layout of a carrier's document, related to a port of discharge.

Example:

RFF+AJW:305'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0550	17	UNT	M	1	0	Message trailer

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNT				
0074	Number of segments in the message	M n..6	M n..6	
0062	Message reference number	M an..14	M an..14	

Remark:

Example:

UNT+15+UNHOREFERENCE'

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
 Counter = Counter of segment/group within the standard

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional,
 D=Dependent, A=Advised, N=Not used

Counter	No	Tag	St	MaxOcc	Level	Name
0000	18	UNZ	M	1	0	Interchange trailer

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

Remark:

Example:

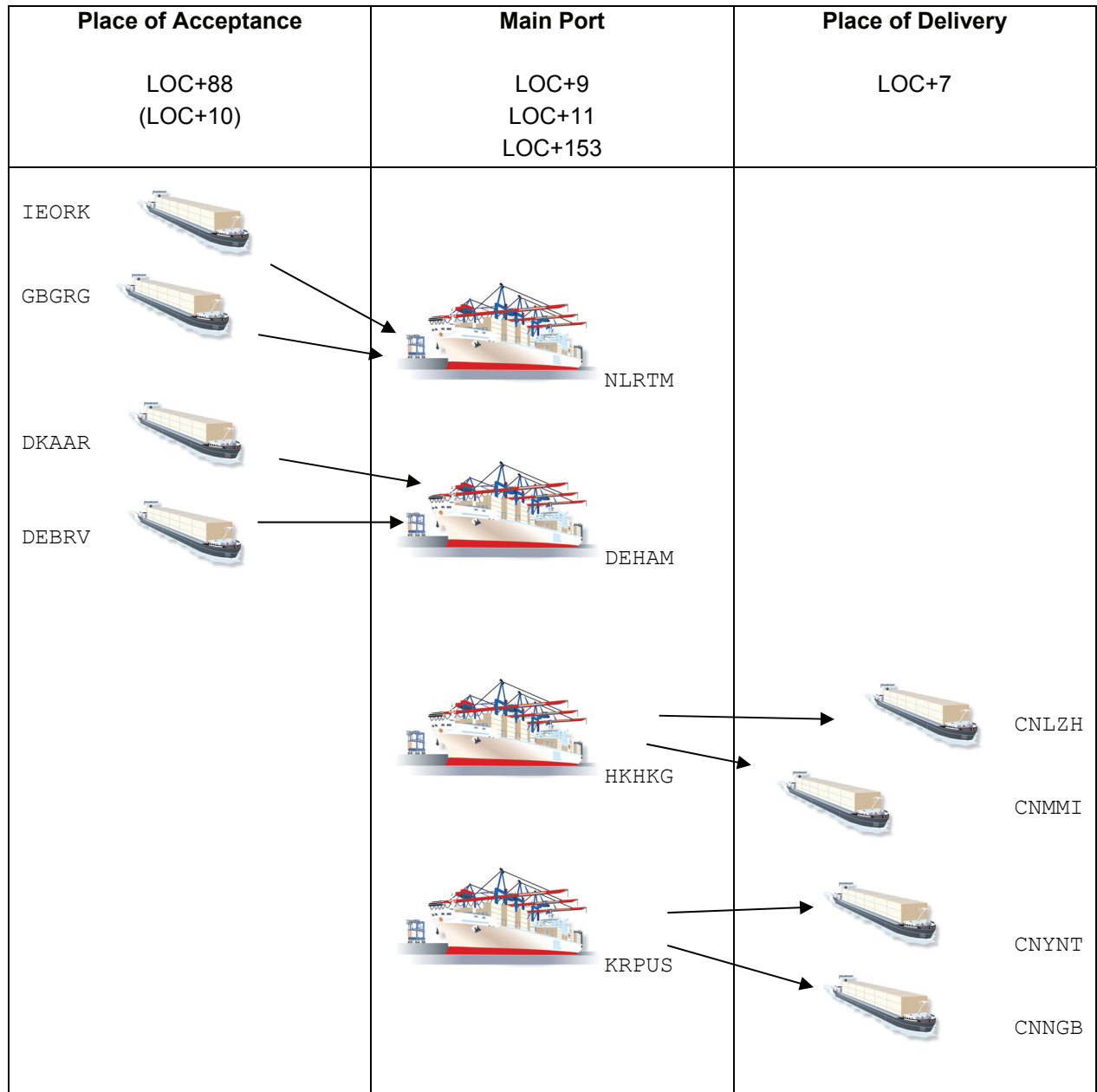
UNZ+1+UNB0REFERENCE'

No = Consecutive segment number
MaxOcc = Maximum occurrence of the segment/group
Counter = Counter of segment/group within the standard

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional,
D=Dependent, A=Advised, N=Not used

5 Appendix

The following figure illustrates the usage of location codes in SG5. In order to distinguish main ports and those ports which are served by feeder operators, qualifiers should be used as shown:



These ports are necessary to look up for a shipment schedule from point A to point B, e. g. from Cork (IEORK) to Ningbo (CNNGB) – ports that are not served by the ocean vessel in the given example. In addition, this structure allows to indicate whether a port is called directly or not.

The example above might result in a message as follows:

Segment	Description
UNH+REF123456+IFTSAI:D:00B:UN:SMDG20'	
BGM+404+0123453+9'	
DTM+137:200811101203:203'	
FTX+AAI+++VESSEL ARRIVAL/DEPARTURE SCHEDULE'	
TDT+20+830293+1++HLCU:172:182+++9305685:146:11:TEST VESSEL:DE'	
RFF+VON:061A'	Call Sign
...	
LOC+88+IEORK:139:6' DTM+133:20081120:102' LOC+88+GBGRG:139:6' DTM+133:20081121:102' LOC+9+NLRTM:139:6+00060936:72:6' DTM+132:200812260700:203' DTM+133:200812280500:203'	Place of Receipt, operated by feeder, serving for the Port of Loading NLRTM Another Place of Receipt, serving for the Port of Loading NLRTM Port of Loading, Main port Arrival Date of ocean going vessel ETS
...	
LOC+88+DKAAR:139:6' DTM+133:20081124:102' LOC+88+FITKU:139:6' DTM+133:20081124:102' LOC+88+DEBRV:139:6' DTM+133:20081126:102' LOC+9+DEHAM:139:6+CTA:72:6' DTM+180:200811261100:203' DTM+132:200811272200:203' DTM+133:200811291900:203'	List of Ports which are served by feeder operators to the next Port of Loading Port of Loading and terminal code Closing time for the delivery of an export container Arrival at terminal, estimated Departure date and time, estimated
...	
LOC+11+HKHKG:139:6+00463632:72:6' DTM+132:200812211500:203' DTM+133:200812260001:203' LOC+7+CNLZH:139:6' DTM+132:20090104:102' LOC+7+CNMMI:139:6' DTM+132:20090103:102'	Port of Discharge Place of Delivery, related to HKHKG Another Place of Delivery

Segment	Description
...	
LOC+88+JPKIJ:139:6' DTM+133:20081222:102'	
LOC+153+KRPUS:139:6+00951704:72:6' DTM+132:200901021500:203' DTM+133:200901030100:203' LOC+7+CNYNT:139:6' DTM+132:20090108:102' LOC+7+CNNGB:139:6' DTM+132:20090107:102'	Main Port where both loading and unloading operations are done
...	
UNT+347+REF123456'	