

**UN /BAPLIE /D 95B/COMMON : Bayplan/stowage plan
occupied and empty loc.msg. (2.0 vs.)**

ASV

UN/BAPLIE/D 95B: Bayplan/stowage plan occupied and empty loc.msg. (2.0 vs.)

Message Function:

Branching Diagram:

Group	Segment	SegReq	Description
	1 UNH	M/1	Message Header
	10 BGM	M/1	Beginning of message
	20 DTM	M/1	Date/time/period
	30 RFF	X	Reference
	40 NAD	X	Name and address
Grp 1	TDT-FTX	M/1	
	50 TDT	M/1	Details of transport
	60 LOC	M/9	Place/location identification
	70 DTM	M/99	Date/time/period
	80 RFF	C/1	Reference
	90 FTX	X	Free text
Grp 2	LOC-FTX	C/9999	
	100 LOC	M/1	Place/location identification
	110 GID	X	Goods item details
	120 GDS	C/9	Nature of cargo
	130 FTX	C/9	Free text
	140 MEA	M/9	Measurements
	150 DIM	C/9	Dimensions
	160 TMP	C/1	Temperature
	170 RNG	C/1	Range details
	180 LOC	C/9	Place/location identification
	190 RFF	M/9	Reference
Grp 3	EQD-NAD	C/9	
	200 EOD	M/1	Equipment details
	210 EOA	C/9	Attached equipment
	220 NAD	C/1	Name and address
Grp 4	DGS-FTX	C/999	
	230 DGS	M/1	Dangerous goods
	240 FTX	C/1	Free text
	250 UNT	M/1	Message Trailer

UNH: Message Header

[Top](#)

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

DataElem	Component	Description	Status	Usage	Format
0062		Message Reference Number	M		an..14
S009		Message Identifier	M		
	0065	Message Type <i>Fixed Value : BAPLIE</i>	M		an..6
	0052	Message Version Number <i>Fixed Value : D</i>	M		an..3
	0054	Message Release Number <i>Fixed Value : 95B</i>	M		an..3
	0051	Controlling Agency <i>Fixed Value : UN</i>	M		an..2
	0057	Association assigned code <i>Fixed Value : SMDG20</i>	C	R	an..6
0068		Common Access Reference	C		an..35
S010		Status of the transfer	C		
	0070	Sequence of transfers	M		n..2
	0073	Message Reference Number	C		a1

BGM: Beginning of message

[Top](#)**Nesting:** BGM (Seq. 10)**Status (Min/Max):** Mandatory /1**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
C002		Document/message name	C	X	
	1001	Document/message name: coded	C		an..3
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	1000	Document/message name	C		an..35
1004		Document/message number	C	R	an..35
1225		Message function: coded	C	R	an..3
		<i>Valid codes : BP/1225</i>			
		<i>2 Addition</i>			
		<i>22 Final transmission</i>			
		<i>3 Deletion</i>			
		<i>4 Change</i>			
		<i>5 Replace</i>			
		<i>9 Original</i>			
		<i>Usage: Code indicating the function of the message.</i>			
		<i>In principle only original messages (code "9") are allowed. The other codes may be used after prior agreement between sender and recipient.</i>			
4343		Response type: coded	C	X	an..3

DTM: Date/time/period

[Top](#)

Nesting: DTM (Seq. 20)

Status (Min/Max): Mandatory /1

Purpose:

Remarks:

DataElem	Component	Description	Status	Usage	Format
C507		Date/time/period	M		
	2005	Date/time/period qualifier <i>Fixed Value : 137 Document/Message Date/Time</i>	M		an..3
	2380	Date/time/period <i>Usage: Date/time of compiling the message</i>	C	R	an..35
	2379	Date/time/period format qualifier <i>Valid codes : BP/2379</i> <i>201 YYMMDDHHMM</i>	C	R	an..3

TDT: Details of transport

[Top](#)

Nesting: TDT (Seq. 50)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 1
Purpose:
Remarks:

DataElem	Component	Description	Status	Usage	Format
8051		Transport stage qualifier <i>Fixed Value : 20 Main Carriage</i>	M		an..3
8028		Conveyance reference number	C	R	an..17
C220		Mode of transport	C	X	
	8067	Mode of transport: coded	C		an..3
	8066	Mode of transport	C		an..17
C228		Transport means	C	X	
	8179	Type of means of transport identification	C		an..8
	8178	Type of means of transport	C		an..17
C040		Carrier	C	R	
	3127	Carrier identification <i>Usage: Carrier name, coded. Standard Carrier Alpha Code (SCAC) or mutually agreed</i>	C	R	an..17
	1131	Code list qualifier <i>Fixed Value : 172 Carrier Code</i>	C	R	an..3
	3055	Code list responsible agency: coded	C		an..3
	3128	Carrier name	C		an..35
8101		Transit direction: coded	C	X	an..3
C401		Excess transportation information	C	X	
	8457	Excess transportation reason: coded	M		an..3
	8459	Excess transportation responsibility: coded	M		an..3
	7130	Customer authorization number	C		an..17
C222		Transport identification	C	R	
	8213	Id. of means of transport identification <i>Usage: Call sign</i>	C	R	an..9
	1131	Code list qualifier <i>Fixed Value : 103 Call Sign Directory</i>	C		an..3
	3055	Code list responsible agency: coded <i>Fixed Value : ZZZ Mutually Defined</i>	C		an..3
	8212	Id. of the means of transport <i>Usage: Vessel name</i>	C	R	an..35
	8453	Nationality of means of transport: coded	C		an..3

8281

Transport ownership: coded

C

an..3

LOC: Place/location identification

[Top](#)**Nesting:** TDT.LOC (Seq. 60)**Status (Min/Max):** Mandatory /9**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
3227		Place/location qualifier <i>Valid codes : BP/3227</i> <i>61 Next port of call</i> <i>5 Place of departure</i> <i>9 Port of loading</i>	M		an..3
C517		Location identification	C	R	
	3225	Place/location identification <i>Usage: If 3227 = 5: Location code of the actual place of departure (normally the sender of the message).</i> <i>UN Locode is to be used</i>	C	R	an..25
	1131	Code list qualifier <i>Fixed Value : 139 Port</i>	C	R	an..3
	3055	Code list responsible agency: coded <i>Fixed Value : 6 UN/ECE</i>	C	R	an..3
	3224	Place/location	C		an..17
C519		Related location one identification	C		
	3223	Related place/location one identification	C		an..25
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	3222	Related place/location one	C		an..70
C553		Related location two identification	C		
	3233	Related place/location two identification	C		an..25
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	3232	Related place/location two	C		an..70
5479		Relation: coded	C		an..3

DTM: Date/time/period

[Top](#)**Nesting:** TDT.DTM (Seq. 70)**Status (Min/Max):** Mandatory /99**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
C507		Date/time/period	M		
	2005	Date/time/period qualifier <i>Valid codes : BP/G1_2005</i> <i>132 Arrival date/time, estimated</i> <i>133 Departure date/time, estimated</i> <i>136 Departure date/time</i> <i>178 Arrival date/time, actual</i>	M		an..3
	2380	Date/time/period <i>Usage:</i> Date or date/time in local time when Means of Transport has arrived/departed or is expected to depart at the sender's port or is expected to arrive at the next port of call.	C	R	an..35
2379	Date/time/period format qualifier <i>Usage</i> <i>Valid codes : BP/G1_2379</i> <i>101 YYYYMMDD</i> <i>201 YYYYMMDDHHMM</i> <i>301 YYYYMMDDHHMMZZZ</i> <i>Usage</i>	C	D R	an..3 R	

RFF: Reference

[Top](#)

Nesting: TDT.RFF (Seq. 80)

Status (Min/Max): Conditional /1

Purpose:

Remarks:

DataElem	Component	Description	Status	Usage	Format
C506		Reference	M		
	1153	Reference qualifier <i>Fixed Value : VON Voyage Number</i>	M		an..3
	1154	Reference number <i>Usage: The Loading voyage number</i>	C	R	an..35
	1156	Line number	C		an..6
	4000	Reference version number	C		an..35

LOC: Place/location identification

[Top](#)

Nesting: LOC (Seq. 100)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 2
Purpose:
Remarks:

DataElem	Component	Description	Status	Usage	Format
3227		Place/location qualifier <i>Fixed Value : 147 Stowage Cell</i>	M		an..3
C517		Location identification	C	R	
	3225	Place/location identification <i>Usage: ISO-format: Bay/Row/Tier (BBBRRTT). If Bay number is less than 3 characters it must be filled with leading zeroes, e.g. "0340210".</i>	C	R	an..25
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded <i>Fixed Value : 5 ISO format</i>	C	R	an..3
	3224	Place/location	C		an..17
C519		Related location one identification	C		
	3223	Related place/location one identification	C		an..25
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	3222	Related place/location one	C		an..70
C553		Related location two identification	C		
	3233	Related place/location two identification	C		an..25
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	3232	Related place/location two	C		an..70
5479		Relation: coded	C		an..3

GDS: Nature of cargo

[Top](#)

Nesting: LOC.GDS (Seq. 120)

Status (Min/Max): Conditional /9

Purpose:

Remarks:

DataElem	Component	Description	Status	Usage	Format
C703		Nature of cargo	C		
	7085	Nature of cargo: coded	M		an..3
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3

FTX: Free text[Top](#)**Nesting:** LOC.FTX (Seq. 130)**Status (Min/Max):** Conditional /9**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
4451		Text subject qualifier <i>Valid codes : BP/G2_4451</i> <i>AAA Goods description</i> <i>AAI General information (free text)</i> <i>CLP Clearance place requested</i> <i>HAN Handling instructions</i> <i>SIN Special instructions</i> <i>ZZZ Mutually defined</i>	M		an..3
4453		Text function: coded	C	X	an..3
C107		Text reference	C	X	
	4441	Free text: coded	M		an..3
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
C108		Text literal	C	R	
	4440	Free text <i>Usage: Description/Instructions/Remarks in plain language or coded, for specific cargo/equipment. Codes, etc. to be agreed between partners. 1 element e4440 with max. field length 20, unless agreed otherwise.</i>	M		an..70
	4440	Free text	C		an..70
	4440	Free text	C		an..70
	4440	Free text	C		an..70
	4440	Free text	C		an..70
3453		Language: coded	C		an..3

MEA: Measurements

[Top](#)**Nesting:** LOC.MEA (Seq. 140)**Status (Min/Max):** Mandatory /9**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
6311		Measurement application qualifier <i>Fixed Value : WT Gross weight</i>	M		an..3
C502		Measurement details	C	X	
	6313	Measurement dimension: coded	C		an..3
	6321	Measurement significance: coded	C		an..3
	6155	Measurement attribute: coded	C		an..3
	6154	Measurement attribute	C		an..70
C174		Value/range	C	R	
	6411	Measure unit qualifier <i>Valid codes : BP/G2_6411</i> <i>KGM Kilogram</i> <i>LBR Pound GB,US (0,45359237 kg)</i> <i>CEL Degree celsius</i> <i>FAH Degree Fahrenheit</i>	M		an..3
	6314	Measurement value <i>Usage:</i> The actual tare weight of the equipment plus its eventual contents in kilograms or pounds, as qualified (no decimals)	C	R	n..18
	6162	Range minimum	C		n..18
	6152	Range maximum	C		n..18
	6432	Significant digits	C		n..2
7383		Surface/layer indicator: coded	C		an..3

DIM: Dimensions

[Top](#)**Nesting:** LOC.DIM (Seq. 150)**Status (Min/Max):** Conditional /9**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
6145		Dimension qualifier <i>Valid codes : BP/G2_6145</i> <i>5 Off-standard dimension front</i> <i>6 Off-standard dimension back</i> <i>7 Off-standard dimension right</i> <i>8 Off-standard dimension left</i> <i>9 Off-standard dimension general</i>	M		an..3
C211		Dimensions	M		
	6411	Measure unit qualifier <i>Fixed Value : CMT Centimeters</i>	M		an..3
	6168	Length dimension	C	D	n..15
	6140	Width dimension	C	D	n..15
	6008	Height dimension	C	D	n..15

TMP: Temperature

[Top](#)**Nesting:** LOC.TMP (Seq. 160)**Status (Min/Max):** Conditional /1**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
6245		Temperature qualifier <i>Fixed Value : 2 Transport temperature</i>	M		an..3
C239		Temperature setting	C	R	
	6246	Temperature setting <i>Usage: Actual temperature according to Reefer List (no deviation allowed) at which the cargo is to be transported.</i>	C	R	r3
	6411	Measure unit qualifier <i>Valid codes : BP/G2_6411</i> <i>KGM Kilogram</i> <i>LBR Pound GB,US (0,45359237 kg)</i> <i>CEL Degree celsius</i> <i>FAH Degree Fahrenheit</i>	C	R	an..3

RNG: Range details

[Top](#)**Nesting:** LOC.RNG (Seq. 170)**Status (Min/Max):** Conditional /1**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
6167		Range type qualifier <i>Fixed Value : 4 Quantity range</i>	M		an..3
C280		Range	C	R	
	6411	Measure unit qualifier <i>Valid codes : BP/G2_6411</i> <i>KGM Kilogram</i> <i>LBR Pound GB,US (0,45359237 kg)</i> <i>CEL Degree celsius</i> <i>FAH Degree Fahrenheit</i>	M		an..3
	6162	Range minimum <i>Usage:</i> Min. temperature according to Reefer List at which the cargo is to be transported	C	R	n..18
	6152	Range maximum <i>Usage:</i> Max. temperature according to Reefer List at which the cargo is to be transported	C	R	n..18

LOC: Place/location identification

[Top](#)**Nesting:** LOC.LOC (Seq. 180)**Status (Min/Max):** Conditional /9**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
3227		Place/location qualifier <i>Valid codes : BP/G2_3227</i> <i>11 Place/port of discharge</i> <i>13</i> <i>152 Next port of discharge</i> <i>64 First optional place of discharge</i> <i>68 Second optional place of discharge</i> <i>70 Third optional place of discharge</i> <i>76 Original port of loading</i> <i>83 Place of delivery</i> <i>9 Place/port of loading</i> <i>97</i>	M		an..3
C517		Location identification	C	R	
	3225	Place/location identification	C	R	an..25
	1131	Code list qualifier <i>Fixed Value : 139 Port</i>	C		an..3
	3055	Code list responsible agency: coded <i>Fixed Value : 6 UN/ECE (UN-Locodes)</i>	C		an..3
	3224	Place/location	C		an..17
C519		Related location one identification	C		
	3223	Related place/location one identification	C		an..25
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	3222	Related place/location one	C		an..70
C553		Related location two identification	C		
	3233	Related place/location two identification	C		an..25
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	3232	Related place/location two	C		an..70
5479		Relation: coded	C		an..3

RFF: Reference

[Top](#)**Nesting:** LOC.RFF (Seq. 190)**Status (Min/Max):** Mandatory /9**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
C506		Reference	M		
	1153	Reference qualifier <i>Valid codes : BP/G2_1153</i> <i>BM Bill of lading number</i> <i>BN Booking reference number</i> <i>ET Excess transportation number</i> <i>ZZZ</i>	M		an..3
	1154	Reference number	C	R	an..35
	1156	Line number	C		an..6
	4000	Reference version number	C		an..35

EQD: Equipment details

[Top](#)

Nesting: LOC.EQD (Seq. 200)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 3
Purpose:
Remarks:

DataElem	Component	Description	Status	Usage	Format
8053		Equipment qualifier	M		an..3
C237		Equipment identification	C	R	
	8260	Equipment identification number	C	R	an..17
		<i>Usage: The container number: Format: One continuous string with the identification, prefix and number. Examples: SCXU 2387653 must be transmitted as "SCXU2387653", E.g. alphanumeric check-digits can be transmitted here.</i>			
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	3207	Country: coded	C		an..3
C224		Equipment size and type	C		
	8155	Equipment size and type identification	C		an..10
		<i>Usage: ISO size-type code of 4 digits (ISO 6346)</i>			
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	8154	Equipment size and type	C		an..35
8077		Equipment supplier: coded	C		an..3
8249		Equipment status: coded	C		an..3
8169		Full/empty indicator: coded	C	D	an..3
		<i>Valid codes : BP/G3_8169 4 Empty 5 Full</i>			

EQA: Attached equipment

[Top](#)**Nesting:** LOC.EQD.EQA (Seq. 210)**Status (Min/Max):** Conditional /9**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
8053		Equipment qualifier <i>Valid codes : BP/G3_8053</i> <i>CH Chassis</i> <i>CN Container</i> <i>RG Reefer generator</i>	M		an..3
C237		Equipment identification	C	R	
	8260	Equipment identification number	C	R	an..17
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
	3207	Country: coded	C		an..3

NAD: Name and address

[Top](#)

Nesting: LOC.EQD.NAD (Seq. 220)
Status (Min/Max): Conditional /1
Purpose:
Remarks:

DataElem	Component	Description	Status	Usage	Format
3035		Party qualifier <i>Fixed Value : CA Carrier of the cargo</i>	M		an..3
C082		Party identification details	C	R	
	3039	Party id. identification <i>Usage: Code of party responsible for the carriage of the goods and/or equipment</i>	M		an..35
	1131	Code list qualifier <i>Fixed Value : 172 Carrier Code</i>	C		an..3
	3055	Code list responsible agency: coded <i>Valid codes : BP/G3_3055</i> <i>ZZZ Mutually defined</i>	C		an..3
C058		Name and address	C	X	
	3124	Name and address line	M		an..35
	3124	Name and address line	C		an..35
	3124	Name and address line	C		an..35
	3124	Name and address line	C		an..35
	3124	Name and address line	C		an..35
C080		Party name	C	X	
	3036	Party name	M		an..35
	3036	Party name	C		an..35
	3036	Party name	C		an..35
	3036	Party name	C		an..35
	3036	Party name	C		an..35
	3045	Party name format: coded	C		an..3
C059		Street	C	X	
	3042	Street and number/p.o. box	M		an..35
	3042	Street and number/p.o. box	C		an..35
	3042	Street and number/p.o. box	C		an..35
3164		City name	C	X	an..35
3229		Country sub-entity identification	C	X	an..9
3251		Postcode identification	C	X	an..9
3207		Country: coded	C	X	an..3

DGS: Dangerous goods

[Top](#)

Nesting: LOC.DGS (Seq. 230)
Status (Min/Max): Mandatory /1
Usage: Trigger for Segment Group 4
Purpose:
Remarks:

DataElem	Component	Description	Status	Usage	Format
8273		Dangerous goods regulations: coded <i>Fixed Value : IMD IMO IMDG Code</i>	C	R	an..3
C205		Hazard code	C	R	
	8351	Hazard code identification <i>Usage: IMDG Code</i>	M		an..7
	8078	Hazard substance/item/page number	C		an..7
	8092	Hazard code version number	C		an..10
C234		Undg information	C	R	
	7124	UNDG number <i>Usage: UN number of respective dangerous cargo transported (4 digits).</i>	C	R	n4
	7088	Dangerous goods flashpoint	C		an..8
C223		Dangerous goods shipment flashpoint	C		
	7106	Shipment flashpoint	C		r3
	6411	Measure unit qualifier	C		an..3
8339		Packing group: coded	C		an..3
8364		EMS number	C		an..6
8410		MFAG	C		an..4
8126		Trem card number	C		an..10
C235		Hazard identification	C		
	8158	Hazard identification number	C		an..4
	8186	Substance identification number	C		an4
C236		Dangerous goods label	C		
	8246	Dangerous goods label marking	C		an..4
	8246	Dangerous goods label marking	C		an..4
	8246	Dangerous goods label marking	C		an..4
8255		Packing instruction: coded	C	X	an..3
8325		Category of means of transport: coded	C	X	an..3
8211		Permission for transport: coded	C	X	an..3

FTX: Free text[Top](#)**Nesting:** LOC.DGS.FTX (Seq. 240)**Status (Min/Max):** Conditional /1**Purpose:****Remarks:**

DataElem	Component	Description	Status	Usage	Format
4451		Text subject qualifier <i>Valid codes : BP/G4_4451</i> <i>AAC Dangerous goods additional information</i> <i>AAD Dangerous goods technical name</i>	M		an..3
4453		Text function: coded	C	X	an..3
C107		Text reference	C	X	
	4441	Free text: coded	M		an..3
	1131	Code list qualifier	C		an..3
	3055	Code list responsible agency: coded	C		an..3
C108		Text literal	C	R	
	4440	Free text	M		an..70
	4440	Free text	C		an..70
	4440	Free text	C		an..70
	4440	Free text	C		an..70
	4440	Free text	C		an..70
3453		Language: coded	C		an..3

UNT: Message Trailer

[Top](#)

Nesting: UNT (Seq. 250)

Status (Min/Max): Mandatory /1

Purpose:

Remarks:

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