

IFTMCS Instruction Contract Status Message

Introduction:

A message from the party providing the transport/forwarding services to the party that issued the instructions for those services stating the actual details, terms and conditions (charges when applicable) of the service and of the consignment involved. In addition it can be used for the exchange of contract information between carriers mutually.

Notes:

Carrier agents use the Contract status (IFTMCS) message to convey the cargo information to the Electronic manifest application. The Electronic manifest application stores the information and creates the message needed to inform the Customs Authorities of a consignment carried by a vessel.

At least one IFTMCS file equates to a manifest that has been closed by the Port of Loading agent and includes the necessary information for the agent in the Port of Discharge. It is not necessary that the reporting agents transmit all discharge information in one batch. As many times as deemed necessary by the reporting agents, IFTMCS files can be uploaded to the Port Community System. It is up to the reporting agent to decide whether all information is complete for transmission to the customs in the port and where necessary to the port authorities.

Changes and cancellation will also be sent in an IFTMCS message. A changed bill of lading will completely replace the previous version of that bill of lading.

This message is based on the UN version D00B as defined in the United Nations Directories for Electronic Data Interchange for Administration, Commerce and Transport.

Version	Description	Author	Date
2.0.0	Final version	J.J. Zijderveld	15/12/2003
2.0.1	Issues 282, 412	J.J. Zijderveld	08/01/2004
2.0.2	Issues 436, 437, 447, 450	J.J. Zijderveld	22/01/2004
2.0.3	Changes for issue 506	J.J. Zijderveld	12/02/2004
2.0.4	Changes for issue 534, 542 - 558	J.J. Zijderveld	25/02/2004
2.0.5	Changes for issues 584-587, 589, 600	J.J. Zijderveld	16/03/2004
2.0.6	Changes for issue 631, 680, 688	J.J. Zijderveld	26/04/2004
2.0.7	Changes for issue 689	J.J. Zijderveld	27/04/2004
2.0.8	Changes for issue 707, 757, 758, 759	J.J. Zijderveld	07/05/2004
2.0.9	Changes for issue 653, 769, 770, 771, 784, 785	J.J. Zijderveld	02/06/2004
2.0.10	Changes for issue EM-274	J.J. Zijderveld	29/06/2004
2.0.11	Changes for CR 2a04007	J.J. Zijderveld	15/07/2004
2.0.12	Changes for RfC 13920	A. Grund	18/05/2005
3.2.0	New structure + changes Afschrijvingsrapportage	A. Grund	15/04/2005
3.2.1	Changes for SE000301 and RFC13850	Louis van der Boog	30/09/2005
3.2.2	Changes for SE000427 and SE000428	Louis van der Boog	11/11/2005
3.2.3	Change for SE000313	Louis van der Boog	03/01/2006
3.2.4	Completion instruction GOR segment changed	Louis van der Boog	02/02/2006
3.3.0	CUX segment added	Louis van der Boog	13/02/2006
3.3.1	CUX validation details added (issues 48/49/50)	Louis van der Boog	11/05/2006
3.3.2	CUX validation details added (issues 67)	Louis van der Boog	08/06/2006

3.4.0	CUX segment: format of exchange rate changed	Louis van der Boog	18/12/2006
3.5.0	CM000811: RFF(AHJ) warehouse licence id	Louis van der Boog	02/02/2007
3.5.1	CM000811: NAD(WH) customsAuthorityID	Louis van der Boog	08/02/2007
3.5.2	GID/1496: Lengte goods item number (ANL-133)	Louis van der Boog	19/04/2007
3.5.3	DG IMDG Item FK in Dangerous Goods Specific.	N. Ardon	7/06/2007
3.8.0	Voor Loslijst: Cont.operator en boekingsnummer	Louis van der Boog	28/06/2007
3.8.1	BDM mapping voor 3.8.0 toegevoegd	Louis van der Boog	04/09/2007
3.8.2	Review opmerking verwerkt	Louis van der Boog	10/10-2007
3.9.0	MEA in SGP groep toegevoegd	M.Tromp	03/09/2008
4.3.0	Aanpassingen voor ICS/SAL (DGS, cons. NAD's)	Louis van der Boog	04/08/2009
4.3.1	Aanpassingen voor ICS/SAL RFC03	L. van der Boog	22/09/2009
4.3.2	EM-4809: MEA[T] decimals	M.Tromp	17/02/2010
4.3.5	Aanpassing voor externe versie (PBS20)	L. van der Boog	02/12/2009
4.3.6	Aangepast conform externe versie 03/12/09	L. van der Boog	20/01/2010
4.3.7	PBS20 voor R4.3.1 (01-03-2010)	L. van der Boog	16/02/2010
4.3.8	EM-4809: MEA[T] decimals	M.Tromp	17/02/2010
4.4.0	EM5555/5557: pr.code 302 + Gr20.MEA mapping	L. van der Boog	09/09/2010
4.4.1	EM5555: Gr20.MEA mapping opnieuw aangepast	L. van der Boog	05/10/2010
4.5.0	RFF(MRN) aangepast voor ENS + validaties in NAD(CZ/CN/N1/N2/CH) voor PBS20 (RFC's 17720 en 25901)	L. van der Boog	07/05/2010
4.5.1	RFF(MRN) en validatie LOC(11) C519 aangepast voor ENS, validaties in NAD(CZ/CN/N1/N2/CH) voor PBS20 (RFC's 17720 en 25901)	L. van der Boog	18/05/2010
4.5.2	Update/Cancel business rules toegevoegd	M.Tromp	27/05/2010
4.5.3	Geen validatie/opslag cont.operator als port of discharge ongelijk is aan port of call	L. van der Boog	29/06/2010
4.5.4	R4.4 patch (M033v440) toegevoegd	L. van der Boog	09/09/2010
4.5.5	R4.4 patch (M033v441) toegevoegd	L. van der Boog	05/10/2010
4.7.0	EM6266: Commodity type in PIA wordt max 8 lang	L. van der Boog	04/02/2011
4.10.0	EM6998 Prod.Documents/Certificates added	P.Kloosterman	05-05-2012
4.16.0	VIPMVL-1445 Check Commodity vs HS Tabel 1st complete code, 2nd first 4 positions code	P.Kloosterman	27-12-2012
5.7.0	EM7478 GOR Segment code N27 toevoegen	G.Duijm	08-01-2016
5.7.1	EM7493 Validatie E02 Warehouse license toegevoegd	N. Ardon	14-06-2016
5.7.3	Equipmentnumber 17 characters instead of 11 (in both EQD and SGP segments) Equipment type qualifier values for non-CN added Equipment size/type value for non-CN added	A. Frijmann	09-04-2019
5.8.0	IMPORT-91: RFF segments added to segment group 36. Size/type codes changed for non CN qualified equipments	P. van Trigt	28-08-2019
5.8.1	IMPORT-324: Doctype '821' added for Brexit	P. van Trigt	17-10-2019
5.8.2	GOR-segment, C232, list Customs status codes updated	P. van Trigt	10-02-2020
5.8.3	IMPORT-847 DGS processing changed	P. van Trigt	12-02-2020
5.8.4	IMPORT-1314 GOR added customs process NP	P. van Trigt	12-05-2020
5.8.5	Doctype '820' and '822' added for Brexit	M.Coumans	10-11-2020
5.8.6	PoUS: Added Code 825 (T2L) to Related doc. nr.	M. Schroer	21-05-2024
5.8.7	FTX segment added for filing type NON or TSR	M. Schroer	19-09-2024

5.8.8	Use SCAC or SMDG code for container operator	M. Schroer	18-06-2025
5.8.9	HS code is mandatory and minimal 6 positions For Notify Party email of phone is mandatory The ENS consignment type has been added	M.Schroer	12-02-2026

Segments that are supplied in the incoming message which are not part of this specification (marked as "Not Used") are allowed when they fit in the general UN structure mentioned in paragraph 2.3. The content of these additional segments however will be ignored.

More information on processing this message can be found in UC027/UC028.

Field formats must follow the rules laid down in the EDIFACT syntax rules (ISO 9735).

Numeric formats are as follows:

- General.

Leading zeroes are not transmitted unless there is only one integer digit and that digit is zero, e.g. 0.5. For positive values the sign is implied, e.g. 50.0. For negative values the minus sign is explicit, e.g. -50.0.

- Exchange Rate.

An accurate exchange rate is required with a minimum of 1 decimal place, e.g. 2.0.

- Monetary Amount.

Minimum of 2 decimal places.

- Temperature.

No decimal places. The valid value range is -99 to 999.

- Percentage.

An accurate percentage is required with a minimum of 1 decimal place, e.g. 2.0.

- Quantity

Weight figures are in KGM. In case a decimal point is used in the weight figure, the digits after the decimal point indicate the grams.

Example 16500 means weight equals to 16500 kgm

16.500 means weight equals to 16 kgm and 500 grams

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
Not Used	0030	CTA	Contact Information	C	1		
Not Used	0040	COM	Communication Contact	C	9		
Not Used	0050	DTM	Date/Time/Period	C	9		
D	0060	TSR	Transport Service Requirements	C	1		
D	0070	CUX	Currencies	C	1		
D	0080	MOA	Monetary Amount - Invoice total value - 39	C	1		
D	0080	MOA	Monetary Amount - Customs value - 40	C	1		
D	0080	MOA	Monetary Amount - Insurance value - 157	C	1		
Rec	0090	FTX	Filing Type	C	99		
D	0100	CNT	Control Total - Total gross weight - 7	C	1		
D	0100	CNT	Control Total - Total number of equipment - 16	C	1		
Not Used	0110	GDS	Nature of Cargo	C	9		
D	0120		Segment Group 1: LOC-DTM	C		1	
M	0130	LOC	Location Identification - Place of delivery - 7	M	1		
Not Used	0140	DTM	Date/Time/Period	C	9		

D	0120		Segment Group 1: LOC-DTM	C		1
M	0130	LOC	Location Identification - Place of acceptance - 88	M	1	
Not Used	0140	DTM	Date/Time/Period	C	9	
D	0120		Segment Group 1: LOC-DTM	C		1
M	0130	LOC	Location Identification - Place of document issue - 91	M	1	
Not Used	0140	DTM	Date/Time/Period	C	9	
D	0150		Segment Group 2: TOD-LOC	C		1
M	0160	TOD	Terms of Delivery or Transport	M	1	
Not Used	0170	LOC	Place/Location Identification	C	9	
Must Use	0180		Segment Group 3: RFF-DTM	C		1
M	0190	RFF	Reference - Transport document number - BM	M	1	
Not Used	0200	DTM	Date/Time/Period	C	9	
D	0180		Segment Group 3: RFF-DTM	C		95
M	0190	RFF	Reference - Movement reference number - MRN	M	1	
Not Used	0200	DTM	Date/Time/Period	C	9	
D	0180		Segment Group 3: RFF-DTM	C		1
M	0190	RFF	Reference - Warehouse licence id - ANJ	M	1	
Not Used	0200	DTM	Date/Time/Period	C	9	
D	0180		Segment Group 3: RFF-DTM	O		1
M	0190	RFF	Reference - Previous message - ACW	M	1	
Not Used	0200	DTM	Date/Time/Period	C	9	
D	0210		Segment Group 4: GOR-DTM-LOC-SEL -FTX-SG5	C		1
M	0220	GOR	Governmental Requirements	M	1	
Not Used	0230	DTM	Date/Time/Period	C	9	
Not Used	0240	LOC	Place/Location Identification	C	9	
Not Used	0250	SEL	Seal Number	C	1	
Not Used	0260	FTX	Free Text	C	9	
Not Used	0270		Segment Group 5: DOC-DTM	C		9
Not Used	0280	DOC	Document/Message Details	M	1	
Not Used	0290	DTM	Date/Time/Period	C	1	
Not Used	0300		Segment Group 6: CPI-RFF-CUX-LOC -MOA	C		9
Not Used	0310	CPI	Charge Payment Instructions	M	1	
Not Used	0320	RFF	Reference	C	99	
Not Used	0330	CUX	Currencies	C	1	
Not Used	0340	LOC	Place/Location Identification	C	9	
Not Used	0350	MOA	Monetary Amount	C	9	
Not Used	0360		Segment Group 7: TCC-LOC-FTX-CUX-PRI -EQN-PCD-MOA-QTY	C		99
Not Used	0370	TCC	Transport Charge/Rate Calculations	M	1	

Not Used	0380	LOC	Place/Location Identification	C	1
Not Used	0390	FTX	Free Text	C	1
Not Used	0400	CUX	Currencies	C	1
Not Used	0410	PRI	Price Details	C	1
Not Used	0420	EQN	Number of Units	C	1
Not Used	0430	PCD	Percentage Details	C	1
Not Used	0440	MOA	Monetary Amount	C	9
Not Used	0450	QTY	Quantity	C	9
Must Use	0460		Segment Group 8: TDT-DTM-TSR-SG9-SG10	C	1
M	0470	TDT	Details of Transport - Main carriage - 20	M	1
Not Used	0480	DTM	Date/Time/Period	C	9
Not Used	0490	TSR	Transport Service Requirements	C	9
Must Use	0500		Segment Group 9: LOC-DTM	C	1
M	0510	LOC	Location Identification - Discharge location - 11	M	1
Must Use	0520	DTM	Date/Time/Period - Estimated Arrival Time - 132	C	1
D	0500		Segment Group 9: LOC-DTM	C	1
M	0510	LOC	Location Identification - Port of loading location - 9	M	1
D	0520	DTM	Date/Time/Period - Actual Departure Date - 186	C	1
D	0500		Segment Group 9: LOC-DTM	C	1
M	0510	LOC	Location Identification - Final port of discharge - 170	M	1
Not Used	0520	DTM	Date/Time/Period	C	9
D	0500		Segment Group 9: LOC-DTM	C	1
M	0510	LOC	Location Identification - Pre-carriage port - 82	M	1
Not Used	0520	DTM	Date/Time/Period	C	9
Must Use	0530		Segment Group 10: RFF-DTM	C	1
M	0540	RFF	Reference - Call Reference Number - ATZ	M	1
Not Used	0550	DTM	Date/Time/Period	C	1
D	0530		Segment Group 10: RFF-DTM	C	1
M	0540	RFF	Reference - Radio Call Sign - VM	M	1
Not Used	0550	DTM	Date/Time/Period	C	1
Not Used	0530		Segment Group 10: RFF-DTM	C	9
Not Used	0540	RFF	Reference	M	1
Not Used	0550	DTM	Date/Time/Period	C	1
Must Use	0560		Segment Group 11: NAD-LOC-MOA-SG12-SG13-SG14-SG15-SG16-SG17	C	1
M	0570	NAD	Name and Address - Message sender - MS	M	1
Not Used	0580	LOC	Place/Location Identification	C	9
Not Used	0590	MOA	Monetary Amount	C	9
	0600		Segment Group 12: CTA-COM	C	1

M	0610	CTA	Contact Information - Information contact - IC	M	1
	0620	COM	Communication Contact - Fax number - FX	C	1
	0620	COM	Communication Contact - E-mail adress - EM	C	1
	0620	COM	Communication Contact - Telephone number - TE	C	1
Not Used	0630		Segment Group 13: DOC-DTM	C	9
Not Used	0640	DOC	Document/Message Details	M	1
Not Used	0650	DTM	Date/Time/Period	C	1
Not Used	0660		Segment Group 14: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C	99
Not Used	0670	TCC	Transport Charge/Rate Calculations	M	1
Not Used	0680	CUX	Currencies	C	1
Not Used	0690	PRI	Price Details	C	1
Not Used	0700	EQN	Number of Units	C	1
Not Used	0710	PCD	Percentage Details	C	1
Not Used	0720	MOA	Monetary Amount	C	9
Not Used	0730	QTY	Quantity	C	9
Not Used	0740		Segment Group 15: RFF-DTM	C	9
Not Used	0750	RFF	Reference	M	1
Not Used	0760	DTM	Date/Time/Period	C	9
Not Used	0770		Segment Group 16: CPI-RFF-CUX-LOC -MOA	C	9
Not Used	0780	CPI	Charge Payment Instructions	M	1
Not Used	0790	RFF	Reference	C	99
Not Used	0800	CUX	Currencies	C	1
Not Used	0810	LOC	Place/Location Identification	C	9
Not Used	0820	MOA	Monetary Amount	C	9
Not Used	0830		Segment Group 17: TSR-RFF-LOC-TPL -FTX	C	99
Not Used	0840	TSR	Transport Service Requirements	M	1
Not Used	0850	RFF	Reference	C	1
Not Used	0860	LOC	Place/Location Identification	C	1
Not Used	0870	TPL	Transport Placement	C	1
Not Used	0880	FTX	Free Text	C	9
Must Use	0560		Segment Group 11: NAD-LOC-MOA-SG12 -SG13-SG14-SG15-SG16-SG17	C	1
M	0570	NAD	Name and Address - Cargo Handling Agent - CG	M	1
Not Used	0580	LOC	Place/Location Identification	C	9
Not Used	0590	MOA	Monetary Amount	C	9
	0600		Segment Group 12: CTA-COM	C	1
M	0610	CTA	Contact Information - Information contact - IC	M	1
	0620	COM	Communication Contact - Fax number - FX	C	1
	0620	COM	Communication Contactt - E-mail adress -	C	1

			EM			
	0620	COM	Communication Contact- Telephone number - TE	C	1	
Not Used	0630		Segment Group 13: DOC-DTM	C		9
Not Used	0640	DOC	Document/Message Details	M	1	
Not Used	0650	DTM	Date/Time/Period	C	1	
Not Used	0660		Segment Group 14: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C		99
Not Used	0670	TCC	Transport Charge/Rate Calculations	M	1	
Not Used	0680	CUX	Currencies	C	1	
Not Used	0690	PRI	Price Details	C	1	
Not Used	0700	EQN	Number of Units	C	1	
Not Used	0710	PCD	Percentage Details	C	1	
Not Used	0720	MOA	Monetary Amount	C	9	
Not Used	0730	QTY	Quantity	C	9	
Not Used	0740		Segment Group 15: RFF-DTM	C		9
Not Used	0750	RFF	Reference	M	1	
Not Used	0760	DTM	Date/Time/Period	C	9	
Not Used	0770		Segment Group 16: CPI-RFF-CUX-LOC -MOA	C		9
Not Used	0780	CPI	Charge Payment Instructions	M	1	
Not Used	0790	RFF	Reference	C	99	
Not Used	0800	CUX	Currencies	C	1	
Not Used	0810	LOC	Place/Location Identification	C	9	
Not Used	0820	MOA	Monetary Amount	C	9	
Not Used	0830		Segment Group 17: TSR-RFF-LOC-TPL -FTX	C		99
Not Used	0840	TSR	Transport Service Requirements	M	1	
Not Used	0850	RFF	Reference	C	1	
Not Used	0860	LOC	Place/Location Identification	C	1	
Not Used	0870	TPL	Transport Placement	C	1	
Not Used	0880	FTX	Free Text	C	9	
D	0560		Segment Group 11: NAD-LOC-MOA-SG12 -SG13-SG14-SG15-SG16-SG17	C		1
M	0570	NAD	Name and Address - Consignor - CZ	M	1	
Not Used	0580	LOC	Place/Location Identification	C	9	
Not Used	0590	MOA	Monetary Amount	C	9	
Not Used	0600		Segment Group 12: CTA-COM	C		9
Not Used	0610	CTA	Contact Information	M	1	
Not Used	0620	COM	Communication Contact	C	9	
Not Used	0630		Segment Group 13: DOC-DTM	C		9
Not Used	0640	DOC	Document/Message Details	M	1	
Not Used	0650	DTM	Date/Time/Period	C	1	
Not Used	0660		Segment Group 14: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C		99
Not Used	0670	TCC	Transport Charge/Rate Calculations	M	1	

Not Used	0680	CUX	Currencies	C	1
Not Used	0690	PRI	Price Details	C	1
Not Used	0700	EQN	Number of Units	C	1
Not Used	0710	PCD	Percentage Details	C	1
Not Used	0720	MOA	Monetary Amount	C	9
Not Used	0730	QTY	Quantity	C	9
Not Used	0740		Segment Group 15: RFF-DTM	C	9
Not Used	0750	RFF	Reference	M	1
Not Used	0760	DTM	Date/Time/Period	C	9
Not Used	0770		Segment Group 16: CPI-RFF-CUX-LOC -MOA	C	9
Not Used	0780	CPI	Charge Payment Instructions	M	1
Not Used	0790	RFF	Reference	C	99
Not Used	0800	CUX	Currencies	C	1
Not Used	0810	LOC	Place/Location Identification	C	9
Not Used	0820	MOA	Monetary Amount	C	9
Not Used	0830		Segment Group 17: TSR-RFF-LOC-TPL	C	99
Not Used	0840	TSR	Transport Service Requirements	M	1
Not Used	0850	RFF	Reference	C	1
Not Used	0860	LOC	Place/Location Identification	C	1
Not Used	0870	TPL	Transport Placement	C	1
D	0560		Segment Group 11: NAD-LOC-MOA-SG12 -SG13-SG14-SG15-SG16-SG17	C	1
M	0570	NAD	Name and Address - Consignee - CN	M	1
Not Used	0580	LOC	Place/Location Identification	C	9
Not Used	0590	MOA	Monetary Amount	C	9
Not Used	0600		Segment Group 12: CTA-COM	C	9
Not Used	0610	CTA	Contact Information	M	1
Not Used	0620	COM	Communication Contact	C	9
Not Used	0630		Segment Group 13: DOC-DTM	C	9
Not Used	0640	DOC	Document/Message Details	M	1
Not Used	0650	DTM	Date/Time/Period	C	1
Not Used	0660		Segment Group 14: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C	99
Not Used	0670	TCC	Transport Charge/Rate Calculations	M	1
Not Used	0680	CUX	Currencies	C	1
Not Used	0690	PRI	Price Details	C	1
Not Used	0700	EQN	Number of Units	C	1
Not Used	0710	PCD	Percentage Details	C	1
Not Used	0720	MOA	Monetary Amount	C	9
Not Used	0730	QTY	Quantity	C	9
Not Used	0740		Segment Group 15: RFF-DTM	C	9
Not Used	0750	RFF	Reference	M	1
Not Used	0760	DTM	Date/Time/Period	C	9
Not Used	0770		Segment Group 16: CPI-RFF-CUX-LOC	C	9

			-MOA		
Not Used	0780	CPI	Charge Payment Instructions	M	1
Not Used	0790	RFF	Reference	C	99
Not Used	0800	CUX	Currencies	C	1
Not Used	0810	LOC	Place/Location Identification	C	9
Not Used	0820	MOA	Monetary Amount	C	9
Not Used	0830		Segment Group 17: TSR-RFF-LOC-TPL	C	99
Not Used	0840	TSR	Transport Service Requirements	M	1
Not Used	0850	RFF	Reference	C	1
Not Used	0860	LOC	Place/Location Identification	C	1
Not Used	0870	TPL	Transport Placement	C	1
D	0560		Segment Group 11: NAD-LOC-MOA-SG12 -SG13-SG14-SG15-SG16-SG17	C	1
M	0570	NAD	Name and Address - Notify party 1 - N1	M	1
Not Used	0580	LOC	Place/Location Identification	C	9
Not Used	0590	MOA	Monetary Amount	C	9
	0600		Segment Group 12: CTA-COM	O	9
M	0610	CTA	Contact Information	M	1
M	0620	COM	Communication Contact	M	9
Not Used	0630		Segment Group 13: DOC-DTM	C	9
Not Used	0640	DOC	Document/Message Details	M	1
Not Used	0650	DTM	Date/Time/Period	C	1
Not Used	0660		Segment Group 14: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C	99
Not Used	0670	TCC	Transport Charge/Rate Calculations	M	1
Not Used	0680	CUX	Currencies	C	1
Not Used	0690	PRI	Price Details	C	1
Not Used	0700	EQN	Number of Units	C	1
Not Used	0710	PCD	Percentage Details	C	1
Not Used	0720	MOA	Monetary Amount	C	9
Not Used	0730	QTY	Quantity	C	9
Not Used	0740		Segment Group 15: RFF-DTM	C	9
Not Used	0750	RFF	Reference	M	1
Not Used	0760	DTM	Date/Time/Period	C	9
Not Used	0770		Segment Group 16: CPI-RFF-CUX-LOC -MOA	C	9
Not Used	0780	CPI	Charge Payment Instructions	M	1
Not Used	0790	RFF	Reference	C	99
Not Used	0800	CUX	Currencies	C	1
Not Used	0810	LOC	Place/Location Identification	C	9
Not Used	0820	MOA	Monetary Amount	C	9
Not Used	0830		Segment Group 17: TSR-RFF-LOC-TPL	C	99
Not Used	0840	TSR	Transport Service Requirements	M	1
Not Used	0850	RFF	Reference	C	1
Not Used	0860	LOC	Place/Location Identification	C	1

Not Used	0870	TPL	Transport Placement	C	1	
D	0560		Segment Group 11: NAD-LOC-MOA-SG12 -SG13-SG14-SG15-SG16-SG17	C		1
M	0570	NAD	Name and Address - Connecting carrier - CH	M	1	
Not Used	0580	LOC	Place/Location Identification	C	9	
Not Used	0590	MOA	Monetary Amount	C	9	
Not Used	0600		Segment Group 12: CTA-COM	C		9
Not Used	0610	CTA	Contact Information	M	1	
Not Used	0620	COM	Communication Contact	C	9	
Not Used	0630		Segment Group 13: DOC-DTM	C		9
Not Used	0640	DOC	Document/Message Details	M	1	
Not Used	0650	DTM	Date/Time/Period	C	1	
Not Used	0660		Segment Group 14: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C		99
Not Used	0670	TCC	Transport Charge/Rate Calculations	M	1	
Not Used	0680	CUX	Currencies	C	1	
Not Used	0690	PRI	Price Details	C	1	
Not Used	0700	EQN	Number of Units	C	1	
Not Used	0710	PCD	Percentage Details	C	1	
Not Used	0720	MOA	Monetary Amount	C	9	
Not Used	0730	QTY	Quantity	C	9	
Not Used	0740		Segment Group 15: RFF-DTM	C		9
Not Used	0750	RFF	Reference	M	1	
Not Used	0760	DTM	Date/Time/Period	C	9	
Not Used	0770		Segment Group 16: CPI-RFF-CUX-LOC -MOA	C		9
Not Used	0780	CPI	Charge Payment Instructions	M	1	
Not Used	0790	RFF	Reference	C	99	
Not Used	0800	CUX	Currencies	C	1	
Not Used	0810	LOC	Place/Location Identification	C	9	
Not Used	0820	MOA	Monetary Amount	C	9	
Not Used	0830		Segment Group 17: TSR-RFF-LOC-TPL	C		99
Not Used	0840	TSR	Transport Service Requirements	M	1	
Not Used	0850	RFF	Reference	C	1	
Not Used	0860	LOC	Place/Location Identification	C	1	
Not Used	0870	TPL	Transport Placement	C	1	
D	0560		Segment Group 11: NAD-LOC-MOA-SG12 -SG13-SG14-SG15-SG16-SG17	C		1
M	0570	NAD	Name and Address - Notify party 2 - N2	M	1	
Not Used	0580	LOC	Place/Location Identification	C	9	
Not Used	0590	MOA	Monetary Amount	C	9	
M	0600		Segment Group 12: CTA-COM	M		9
M	0610	CTA	Contact Information	M	1	
M	0620	COM	Communication Contact	M	9	
Not Used	0630		Segment Group 13: DOC-DTM	C		9

Not Used	0640	DOC	Document/Message Details	M	1
Not Used	0650	DTM	Date/Time/Period	C	1
Not Used	0660		Segment Group 14: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C	99
Not Used	0670	TCC	Transport Charge/Rate Calculations	M	1
Not Used	0680	CUX	Currencies	C	1
Not Used	0690	PRI	Price Details	C	1
Not Used	0700	EQN	Number of Units	C	1
Not Used	0710	PCD	Percentage Details	C	1
Not Used	0720	MOA	Monetary Amount	C	9
Not Used	0730	QTY	Quantity	C	9
Not Used	0740		Segment Group 15: RFF-DTM	C	9
Not Used	0750	RFF	Reference	M	1
Not Used	0760	DTM	Date/Time/Period	C	9
Not Used	0770		Segment Group 16: CPI-RFF-CUX-LOC -MOA	C	9
Not Used	0780	CPI	Charge Payment Instructions	M	1
Not Used	0790	RFF	Reference	C	99
Not Used	0800	CUX	Currencies	C	1
Not Used	0810	LOC	Place/Location Identification	C	9
Not Used	0820	MOA	Monetary Amount	C	9
Not Used	0830		Segment Group 17: TSR-RFF-LOC-TPL	C	99
Not Used	0840	TSR	Transport Service Requirements	M	1
Not Used	0850	RFF	Reference	C	1
Not Used	0860	LOC	Place/Location Identification	C	1
Not Used	0870	TPL	Transport Placement	C	1
D	0560		Segment Group 11: NAD-LOC-MOA-SG12 -SG13-SG14-SG15-SG16-SG17	C	1
M	0570	NAD	Name and Address - Warehouse keeper - WH	M	1
Not Used	0580	LOC	Place/Location Identification	C	9
Not Used	0590	MOA	Monetary Amount	C	9
Not Used	0600		Segment Group 12: CTA-COM	C	9
Not Used	0610	CTA	Contact Information	M	1
Not Used	0620	COM	Communication Contact	C	9
Not Used	0630		Segment Group 13: DOC-DTM	C	9
Not Used	0640	DOC	Document/Message Details	M	1
Not Used	0650	DTM	Date/Time/Period	C	1
Not Used	0660		Segment Group 14: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C	99
Not Used	0670	TCC	Transport Charge/Rate Calculations	M	1
Not Used	0680	CUX	Currencies	C	1
Not Used	0690	PRI	Price Details	C	1
Not Used	0700	EQN	Number of Units	C	1
Not Used	0710	PCD	Percentage Details	C	1
Not Used	0720	MOA	Monetary Amount	C	9
Not Used	0730	QTY	Quantity	C	9

Not Used	0740		Segment Group 15: RFF-DTM	C	9
Not Used	0750	RFF	Reference	M	1
Not Used	0760	DTM	Date/Time/Period	C	9
Not Used	0770		Segment Group 16: CPI-RFF-CUX-LOC -MOA	C	9
Not Used	0780	CPI	Charge Payment Instructions	M	1
Not Used	0790	RFF	Reference	C	99
Not Used	0800	CUX	Currencies	C	1
Not Used	0810	LOC	Place/Location Identification	C	9
Not Used	0820	MOA	Monetary Amount	C	9
Not Used	0830		Segment Group 17: TSR-RFF-LOC-TPL	C	99
Not Used	0840	TSR	Transport Service Requirements	M	1
Not Used	0850	RFF	Reference	C	1
Not Used	0860	LOC	Place/Location Identification	C	1
Not Used	0870	TPL	Transport Placement	C	1
D	0890		Segment Group 18: GID-TMP-RNG-TMD -LOC-MOA-PIA-FTX-PCD-SG19-GDS -SG20-SG21-SG22-SG23-SG24-SG25-SG27 -SG29-SG30-SG35	C	999
M	0900	GID	Goods Item Details	M	1
	0920	TMP	Temperature - Transport temperature - 2	C	1
	0930	RNG	Range Details - Transport temperature - 12	C	1
Not Used	0940	TMD	Transport Movement Details	C	1
	0950	LOC	Location Identification - Stowage position - 147	C	9
Not Used	0960	MOA	Monetary Amount	C	9
M	0970	PIA	Additional Product Id - Commodity code - 5	M	1
Must Use	0980	FTX	Free Text - Goods description - AAA	C	1
Not Used	0990	PCD	Percentage Details	C	9
Not Used	1000		Segment Group 19: NAD-DTM	C	9
Not Used	1010	NAD	Name and Address	M	1
Not Used	1020	DTM	Date/Time/Period	C	1
Not Used	1030	GDS	Nature of Cargo	C	9
Must Use	1040		Segment Group 20: MEA-EQN	C	1
M	1050	MEA	Measurements - Gross weight - G	M	1
Not Used	1060	EQN	Number of Units	C	1
Not Used	1070		Segment Group 21: DIM-EQN	C	99
Not Used	1080	DIM	Dimensions	M	1
Not Used	1090	EQN	Number of Units	C	1
Not Used	1100		Segment Group 22: RFF-DTM	C	9
Not Used	1110	RFF	Reference	M	1
Not Used	1120	DTM	Date/Time/Period	C	9
	1130		Segment Group 23: PCI-RFF-DTM-GIN	C	15
M	1140	PCI	Package Identification - Marks and labels	M	1
Not Used	1150	RFF	Reference	C	1

Not Used	1160	DTM	Date/Time/Period	C	1
Not Used	1170	GIN	Goods Identity Number	C	9
Not Used	1180		Segment Group 24: DOC-DTM	C	9
Not Used	1190	DOC	Document/Message Details	M	1
Not Used	1200	DTM	Date/Time/Period	C	9
Not Used	1210		Segment Group 25: TPL-SG26	C	9
Not Used	1220	TPL	Transport Placement	M	1
Not Used	1230		Segment Group 26: MEA-EQN	C	9
Not Used	1240	MEA	Measurements	M	1
Not Used	1250	EQN	Number of Units	C	1
	1260		Segment Group 27: SGP-SEQ-SG28	C	999
M	1270	SGP	Split Goods Placement	M	1
Not Used	1280	SEQ	Sequence Details	C	1
	1290		Segment Group 28: MEA-EQN	C	1
M	1300	MEA	Measurements - Item gross weight - AAE	M	1
Not Used	1310	EQN	Number of Units	C	1
Not Used	1320		Segment Group 29: TCC-CUX-PRI-EQN -PCD-MOA-QTY-LOC	C	99
Not Used	1330	TCC	Transport Charge/Rate Calculations	M	1
Not Used	1340	CUX	Currencies	C	1
Not Used	1350	PRI	Price Details	C	1
Not Used	1360	EQN	Number of Units	C	1
Not Used	1370	PCD	Percentage Details	C	1
Not Used	1380	MOA	Monetary Amount	C	9
Not Used	1390	QTY	Quantity	C	9
Not Used	1400	LOC	Place/Location Identification	C	9
	1410		Segment Group 30: DGS-FTX-SG31-SG32 -SG33	C	1
M	1420	DGS	Dangerous Goods	M	1
	1430	FTX	Free Text - Additional DG information - AAD	C	1
Not Used	1440		Segment Group 31: CTA-COM	C	9
Not Used	1450	CTA	Contact Information	M	1
Not Used	1460	COM	Communication Contact	C	9
Not Used	1470		Segment Group 32: MEA-EQN	C	9
Not Used	1480	MEA	Measurements	M	1
Not Used	1490	EQN	Number of Units	C	1
Not Used	1500		Segment Group 33: SGP-SG34	C	999
Not Used	1510	SGP	Split Goods Placement	M	1
Not Used	1520		Segment Group 34: MEA-EQN	C	9
Not Used	1530	MEA	Measurements	M	1
Not Used	1540	EQN	Number of Units	C	1
	1545		Segment Group 35: RFF	C	99
M	1546	RFF	Reference	M	1

D	1550		Segment Group 36: EQD-EQN-TMD-MEA -DIM-SEL-TPL-HAN-TMP-FTX-DTM -RFF-SG37-SG38-SG39-SG40	C	999
M	1560	EQD	Equipment Details	M	1
Not Used	1570	EQN	Number of Units	C	1
Not Used	1580	TMD	Transport Movement Details	C	1
	1590	MEA	Measurements - Tare weight - T	C	1
	1600	DIM	Dimensions - Off-standard - 9	C	1
	1610	SEL	Seal Number	C	1
	1620	TPL	Transport Placement - On-carriage transport details	C	1
Not Used	1630	HAN	Handling Instructions	C	1
Not Used	1640	TMP	Temperature	C	1
	1650	FTX	Free Text - Off-dimension information - ACQ	C	1
	1655	DTM	Date/Time/Period - Estimated departure on -carriage - 133	C	1
	1660	RFF	Reference - Booking reference number - BN	C	1
D	1665	RFF	Reference - Radio call sign on-carriage - VM	C	1
D	1668	RFF	Reference - Voyage number on-carriage - VON	C	1
Not Used	1670		Segment Group 37: TCC-CUX-PRI-EQN -PCD-MOA-QTY	C	99
Not Used	1680	TCC	Transport Charge/Rate Calculations	M	1
Not Used	1690	CUX	Currencies	C	1
Not Used	1700	PRI	Price Details	C	1
Not Used	1710	EQN	Number of Units	C	1
Not Used	1720	PCD	Percentage Details	C	1
Not Used	1730	MOA	Monetary Amount	C	9
Not Used	1740	QTY	Quantity	C	9
	1750		Segment Group 38: NAD-DTM	C	1
M	1760	NAD	Name and Address - Empty equipment return party - CR	M	1
Not Used	1770	DTM	Date/Time/Period	C	1
	1750		Segment Group 38: NAD-DTM	C	1
M	1760	NAD	Name and Address - Container operator - CF	M	1
Not Used	1770	DTM	Date/Time/Period	C	1
Not Used	1780		Segment Group 39: EQA-EQN	C	99
Not Used	1790	EQA	Attached Equipment	M	1
Not Used	1800	EQN	Number of Units	C	1
Not Used	1810		Segment Group 40: DGS-FTX-SG41	C	99
Not Used	1820	DGS	Dangerous Goods	M	1
Not Used	1830	FTX	Free Text	C	9
Not Used	1840		Segment Group 41: CTA-COM	C	9
Not Used	1850	CTA	Contact Information	M	1
Not Used	1860	COM	Communication Contact	C	9
M	1870	UNT	Message Trailer	M	1

Segment: **UNH** Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Instruction contract status message is IFTMCS.
Note: Instruction contract status messages conforming to this document must contain the following data in segment UNH, composite S009:
Data element 0065 IFTMCS 0052 D 0054 00B 0051
UN

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment holds the generic message information. It indicates the message type, version number, and the sender's identification of the message.
Target entity for this segment is the message that is created by the PCS upon receipt.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat</u>	<u>Repr</u>	
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. Entity: Message Attribute: incomingMessageNumber	M	1	an..14
M	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M	1	
M		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. Entity: Message Type Attribute: EDIcode IFTMCS Instruction contract status message A code to identify the instruction contract status message.	M		an..6
M		0052	Message type version number Version number of a message type. Entity: Message Type Version Attribute: version D Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after	M		an..3

March 1997).

M	0054	Message type release number	M	an..3
		Release number within the current message type version number (0052).		
		Entity: Message Type Version		
		Attribute: release		
		00B	Release 2000 - B	
			Message approved and issued in the second 2000 release of the UNTDID (United Nations Trade Data Interchange Directory).	
M	0051	Controlling agency	M	an..2
		Code identifying the agency controlling the specification, maintenance and publication of the message type.		
		Entity: Message Type Version		
		Attribute: agency		
		UN	UN/CEFACT	
			United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).	
>>	0057	Association assigned code	C	an..6
		Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.		
		PBS20	Portbase, version 2.0	
X	0068	COMMON ACCESS REFERENCE	C	1 an..35
X	S010	STATUS OF THE TRANSFER	C	1
		Statement that the message is one in a sequence of transfers relating to the same topic.		
X	0070	Sequence message transfer number	M	n..2
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.		
X	0073	First/last sequence message transfer indication	C	a1
		Refer to D.00B Data Element Dictionary for acceptable code values.		

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the beginning of a message and to transmit identifying number and type of the message.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the actual start of the message. It contains further identification of the message's sender.

Target entity for this segment is the Message created upon receiving the IFTMCS message.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Req/Repeat/Repr</u>
>>	C002		DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.	C	1
>>		1001	Document name code Code specifying the document name. 707 Bill of lading copy A copy of the bill of lading issued by a transport company.	C	an..3
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3
X		1000	Document name	C	an..35
>>	C106		DOCUMENT/MESSAGE IDENTIFICATION Identification of a document/message by its number and eventually its version or revision.	C	1
>>		1004	Document identifier Unique reference number determined by the sender of the message to identify the document 155 RF MESSAGE REFERENCE r Unique reference of a certain message within the relevant message type, assigned by the sender of the message. Causes error 112 ("Duplicate reference") in APERAK when invalid.	C	an..35
X		1056	Version identifier	C	an..9

X		1060	Revision identifier	C	an..6
>>	1225		MESSAGE FUNCTION CODE	C	1 an..3
			Code indicating the function of the message.		
			88 IS MESSAGE FUNCTION r		
			Code indicating that the message is the original message or e.g. is replacing a previously sent message, or that it is a copy of a message sent to another party.		
			Entity: Message		
			Attribute: functionCode		
			1	Cancellation Message cancelling a previous transmission for a given transaction.	
			5	Replace Message replacing a previous message.	
			9	Original Initial transmission related to a given transaction.	
X	4343		RESPONSE TYPE CODE	C	1 an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		

Segment: **TSR** Transport Service Requirements
Position: 0060
Group:
Level: 0
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify the contract, conditions of carriage, services, and priority requirements for the transport.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the conditions of carriage for the consignment.

Target entity for this segment is the Consignment as indicated in segment group 3.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>	
C536		CONTRACT AND CARRIAGE CONDITION To identify a contract and carriage condition.	C	1
M	4065	Contract and carriage condition code Code to identify the conditions of contract and carriage.	M	an..3
		96 IS TRANSPORT CONDITION CODE o Code for the contractual condition for the transport of the container cargo, indicating whether the carrier is only responsible for the main carriage or also for the pre and/or on-carriage, e.g. door-to-door, pier-to-pier. Causes error 259 in APERAK when not available or incorrect. Entity: Consignment Attribute: transportConditionCode Domain: TransportCondition		
		27 Door-to-door The carrier is responsible for the intermodal carriage of cargo including both the pre-carriage and the on-carriage.		
		28 Door-to-pier The carrier is responsible for the intermodal carriage of cargo including the pre-carriage, but excluding the on-carriage.		
		29 Pier-to-door The carrier is responsible for the intermodal carriage of cargo including the on-carriage, but excluding the pre-carriage.		
		30 Pier-to-pier		

The carrier of intermodal cargo is only responsible for the main carriage.

X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
	C233		SERVICE	C	1
			To identify a service (which may constitute an additional component to a basic contract).		
M		7273	Service requirement code	M	an1
			Code specifying a service requirement.		
			For indicating part shipment		
			Entity: Main Carriage Consignment Planning		
			Attribute: partShipmentIndicator		
			Conversion: "0" ->FALSE, "1" -> TRUE		
			Default: FALSE		
			0 No part shipment		
			1 Carrier loads		
			The cargo is loaded in the equipment by the carrier.		
			Value definition used here: Part shipment		
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		7273	Service requirement code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C537		TRANSPORT PRIORITY	C	1
			To indicate the priority of requested transport service.		
X		4219	Transport service priority code	M	an..3
			Code specifying the priority of a transport service.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C703		NATURE OF CARGO	C	1

		Rough classification of a type of cargo.		
X	7085	Cargo type classification code	M	an..3
		Code specifying the classification of a type of cargo. Refer to D.00B Data Element Dictionary for acceptable code values.		
X	1131	Code list identification code	C	an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		

Segment: **CUX** Currencies
Position: 0070
Group:
Level: 0
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate default currencies and exchange rates.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the exchange rate that applies to the freight charges for the consignment.

Notes:

- Only CUX segments with qualifier "2" will be processed. CUX segments with other qualifiers will be skipped. This will not cause the message to be rejected.
- If both currency code (first C504/6345) and exchange rate (5402) are not filled, the CUX segment will not be processed. This will not cause the message to be rejected.

Target entity for this segment is the Consignment as indicated in segment group 3.

Data Element Summary

	Data Element	Component Element	Name	Attributes	
				Req/Repeat/Repr	
M	C504		CURRENCY DETAILS The usage to which a currency relates.	M	1
M		6347	Currency usage code qualifier Code qualifying the usage of a currency. 2 Reference currency The currency applicable to amounts stated. It may have to be converted.	M	an1
D		6345	Currency identification code Code specifying a monetary unit. Must be a valid currency code (UN standard). Must be filled if the exchange rate is filled (5402). Causes error 605 in APERAK when invalid. Causes error 605 in APERAK when missing and exchange rate (5402) filled.	C	an..3
			Entity: Consignment Attribute: Currency FK for transport exchange rate Must exist as Currency.UNcode		
X		6343	Currency type code qualifier Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3

X		6348	Currency rate value	C	n..4
M	C504		CURRENCY DETAILS	M	1
			The usage to which a currency relates.		
M		6347	Currency usage code qualifier	M	an1
			Code qualifying the usage of a currency.		
		3	Target currency		
			The currency which should be used to the target destination of the transaction.		
M		6345	Currency identification code	M	an..3
			Code specifying a monetary unit.		
		EUR	Euro		
X		6343	Currency type code qualifier	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		6348	Currency rate value	C	n..4
D	5402		CURRENCY EXCHANGE RATE	C	1 n..10
			To specify the rate at which one specified currency is expressed in another specified currency.		
			Must be a number > 0		
			Format 10.8 (8 decimal places, i.e. max. value = 99.99999999)		
			Causes error 604 ("Invalid exchange rate") in APERAK when incorrect		
			Causes error 604 in APERAK when missing and currency code (first C504/6345) filled		
			Entity: Consignment		
			Attribute: transportExchangeRate		
X	6341		EXCHANGE RATE CURRENCY MARKET IDENTIFIER	C	1 an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		

Segment: **MOA** Monetary Amount - Invoice total value - 39
Position: 0080
Group:
Level: 0
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate a monetary value for entire consignment, e.g. insured value, invoice amount, disbursements, etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the invoice total amount of the consignment.

Target entity for this segment is Consignment as indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	C516		MONETARY AMOUNT	M	1
			Amount of goods or services stated as a monetary amount in a specified currency.		
M		5025	Monetary amount type code qualifier	M	an..3
			Code qualifying the type of monetary amount.		
			39 Invoice total amount		
			[5444] Total sum charged in respect of one or more Invoices in accordance with the terms of delivery.		
>>		5004	Monetary amount	C	n..10
			To specify a monetary amount.		
			67,8 GO GOODS INVOICE TOTAL AMOUNT o		
			Amount for the total invoice value (freight charges) of the goods in the consignment.		
			Format 10.2 (2 decimal places, eg. max.value 99999999.99)		
			Entity: Consignment		
			Attribute: invoiceAmount		
>>		6345	Currency identification code	C	an..3
			Code specifying a monetary unit.		
			67,9 GO GOODS VALUE CURRENCY CODE d		
			Code for the currency in which an amount of the goods is expressed.		
			Code list: UN Recommendation No 9.		
			Condition: To be completed in case an amount is completed.		
			Entity: Consignment		
			Attribute: Currency FK for invoice amount		
			Must exist as Currency.UNcode		
X		6343	Currency type code qualifier	C	an..3

Segment: **MOA** Monetary Amount - Customs value - 40
Position: 0080
Group:
Level: 0
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate a monetary value for entire consignment, e.g. insured value, invoice amount, disbursements, etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the customs value of the consignment.

Target entity for this segment is Consignment as indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Req/Repeat/Repr</u>
M	C516		MONETARY AMOUNT		M 1
			Amount of goods or services stated as a monetary amount in a specified currency.		
M		5025	Monetary amount type code qualifier		M an..3
			Code qualifying the type of monetary amount.		
			40 Customs value		
			(5032) Value declared for Customs purposes on those goods in a consignment which are subject to the same Customs procedure, and have the same tariff/statistical heading, country information and duty regime.		
>>		5004	Monetary amount		C n..10
			To specify a monetary amount.		
			67,6 GO GOODS CUSTOMS VALUE o		
			Amount for the customs value of the goods in the consignment.		
			Format 10.2 (2 decimal places, eg. max.value 99999999.99)		
			Entity: Consignment		
			Attribute: customsValue		
>>		6345	Currency identification code		C an..3
			Code specifying a monetary unit.		
			67,9 GO GOODS VALUE CURRENCY CODE d		
			Code for the currency in which an amount of the goods is expressed.		
			Code list: UN Recommendation No 9.		
			Condition: To be completed in case an amount is completed.		
			Entity: Consignment		
			Attribute: Currency FK for customs value		

Must exist as Currency.UNcode

X	6343	Currency type code qualifier	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X	4405	Status description code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		

Segment: **MOA** Monetary Amount - Insurance value - 157
Position: 0080
Group:
Level: 0
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to indicate a monetary value for entire consignment, e.g. insured value, invoice amount, disbursements, etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the insurance value of the consignment.

Target entity for this segment is Consignment as indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>	
M	C516		MONETARY AMOUNT	M	1
			Amount of goods or services stated as a monetary amount in a specified currency.		
M		5025	Monetary amount type code qualifier	M	an..3
			Code qualifying the type of monetary amount.		
			157 Insurance value		
			(5010) Value for which the goods are insured.		
>>		5004	Monetary amount	C	n..10
			To specify a monetary amount.		
			67,7 GO GOODS INSURANCE VALUE o		
			Amount for the value for which the goods in the consignment are insured.		
			Format 10.2 (2 decimal places, eg. max.value 99999999.99)		
			Entity: Consignment		
			Attribute: insuranceValue		
>>		6345	Currency identification code	C	an..3
			Code specifying a monetary unit.		
			67,9 GO GOODS VALUE CURRENCY CODE d		
			Code for the currency in which an amount of the goods is expressed.		
			Code list: UN Recommendation No 9.		
			Condition: To be completed in case an amount is completed.		
			Entity: Consignment		
			Attribute: Currency FK for insurance value		
			Must exist as Currency.UNcode		
X		6343	Currency type code qualifier	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		

X

4405 Status description code

C

an..3

Refer to D.00B Data Element Dictionary for acceptable code values.

Segment: **FTX** Filing Type
Position: 0090
Group:
Level: 1
Usage: Conditional (Advised)
Max Use: 99
Purpose: With this field, the sender determines what type of filing will be used.
Dependency Notes:
Semantic Notes:
Comments:

Notes: When TSR is used, only a TSR will be sent to the Dutch customs.
When NON is used, no declaration will be sent to customs.

When this segment is not present, TSR is assumed.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat/Repr</u>		
M	4451		TEXT SUBJECT CODE QUALIFIER Code qualifying the subject of the text. Refer to D.00B Data Element Dictionary for acceptable code values.	M	1	an..3
M	4453		FREE TEXT FUNCTION CODE Code specifying the function of free text. NON No declaration to customs TSR Temporary Storage Declaration Reuse	M	1	an..3
X	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	1	
X		4441	Free text value code Code specifying free form text.	M		an..17
X		1131	Code list identification code Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..17
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..3
X	C108		TEXT LITERAL Free text; one to five lines.	C	1	
X		4440	Free text value Free form text.	M		an..512
X		4440	Free text value Free form text.	C		an..512

X		4440	Free text value Free form text.	C		an..512
X		4440	Free text value Free form text.	C		an..512
X		4440	Free text value Free form text.	C		an..512
X	3453		LANGUAGE NAME CODE	C	1	an..3
X	4447		FREE TEXT FORMAT CODE Refer to D.00B Data Element Dictionary for acceptable code values.	C	1	an..3

Segment: **CNT** Control Total - Total gross weight - 7

Position: 0100

Group:

Level: 0

Usage: Conditional (Dependent)

Max Use: 1

Purpose: A segment to specify totals for a consignment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Segment indicating the total gross weight of the consignment.

Target entity for this segment is Consignment as indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
				<u>Req/Repeat/Repr</u>
M	C270		CONTROL	M 1
			Control total for checking integrity of a message or part of a message.	
M		6069	Control total type code qualifier	M an..3
			Code qualifying the type of control of hash total.	
			7 Total gross weight	
			Code to indicate total gross weight of a consignment.	
M		6066	Control total value	M n..18
			To specify the value of a control quantity.	
			65,2 GO GOODS WEIGHT GROSS IN CONSIGNMENT r	
			The gross weight of all the goods, including packaging and other material, in the consignment. Three decimals after the comma are allowed; the unit is kilogram.	
			Will not be validated.	
>>		6411	Measurement unit code	C an..3
			Code specifying the unit of measurement.	
			KGM Kilogram	

Segment: **CNT** Control Total - Total number of equipment - 16
Position: 0100
Group:
Level: 0
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to specify totals for a consignment. In this case the total number of equipment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Segment indicating the total number of containers of the consignment.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat</u>	<u>Repr</u>
M	C270		CONTROL	M	1
			Control total for checking integrity of a message or part of a message.		
M		6069	Control total type code qualifier	M	an..3
			Code qualifying the type of control of hash total.		
			16 Total number of equipment		
			Total number of equipment mentioned in the message.		
M		6066	Control total value	M	n..18
			To specify the value of a control quantity.		
			25 CO NUMBER OF CONTAINERS IN MESSAGE o		
			Number of containers in the message as indicated explicitly by the sending party.		
			Will not be validated.		
X		6411	Measurement unit code	C	an..3

Group: **LOC** Segment Group 1: Location Identification - Place of delivery - 7
Position: 0120
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transshipment.
Notes: Dependency is explained in the LOC segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0130	LOC	Location Identification - Place of delivery - 7	M	1	

Segment: **LOC** Location Identification - Place of delivery - 7
Position: 0130 (Trigger Segment)
Group: Segment Group 1 (Location Identification - Place of delivery - 7) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a location applying to the entire message.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the place where the goods are to be finally delivered.

Target entity is the following Consignment Subcarriage Information (subcarriageType = 'on-carriage') for the MC Consignment Planning as indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 7 Place of delivery (3246) Place to which the goods are to be finally delivered under transport contract terms (operational term).	M 1 an..3
>>	C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1
X		3225	Location name code	C an..25
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..3
>>		3224	Location name Name of the location. 10,1 AD PLACE OF DELIVERY NAME MAIN o Name of the place at which the cargo is delivered by the carrier for the main transport and where the carrier's responsibility for the cargo ends. Entity: Consignment Subcarriage Information Attribute: placeOfExchange subCarriageType = 'on carriage'	C an..35
X	C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1
X		3223	First related location name code	C an..25

			Code specifying first related location.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3222	First related location name	C	an..70
			Name of first related location.		
X	C553		RELATED LOCATION TWO IDENTIFICATION	C	1
			Identification of second related location by code or name.		
X		3233	Second related location name code	C	an..25
			Code specifying the second related location.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3232	Second related location name	C	an..70
			Name of the second related location.		
X	5479		RELATION CODE	C	1 an..3

Group: **LOC** Segment Group 1: Location Identification - Place of acceptance - 88
Position: 0120
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transshipment.
Notes: Dependency is explained in the LOC segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0130	LOC	Location Identification - Place of acceptance - 88	M	1	

Segment: **LOC** Location Identification - Place of acceptance - 88
Position: 0130 (Trigger Segment)
Group: Segment Group 1 (Location Identification - Place of acceptance - 88)
 Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a location applying to the entire message.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the place where the goods were actually received.

Target entity is the previous Consignment Subcarriage Information (subcarriageType = 'pre-carriage') for the MC Consignment Planning as indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 88 Place of receipt Identification of the location at which the cargo is actually received. Synonym: Place of acceptance	M 1 an..3
>>	C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C 1
X		3225	Location name code	C an..25
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..3
>>		3224	Location name Name of the location. 9,1 AD PLACE OF ACCEPTANCE NAME MAIN o Name of the place at which the cargo is taken over by the carrier for the main transport and where the carrier's responsibility for the cargo starts. Entity: Consignment Subcarriage Information Attribute: placeOfExchange subCarriageType = 'on carriage'	C an..35
X	C519		RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C 1

X		3223	First related location name code	C	an..25
			Code specifying first related location.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3222	First related location name	C	an..70
			Name of first related location.		
X	C553		RELATED LOCATION TWO IDENTIFICATION	C	1
			Identification of second related location by code or name.		
X		3233	Second related location name code	C	an..25
			Code specifying the second related location.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3232	Second related location name	C	an..70
			Name of the second related location.		
X	5479		RELATION CODE	C	1 an..3

Group: **LOC** Segment Group 1: Location Identification - Place of document issue - 91

Position: 0120

Group:

Level: 1

Usage: Conditional (Dependent)

Max Use: 1

Purpose: A group of segments to specify locations and related date(s)/time(s) which apply to the entire message, e.g. place of transshipment.

Notes: Dependency is explained in the LOC segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0130	LOC	Location Identification - Place of document issue - 91	M	1	

Segment: **LOC** Location Identification - Place of document issue - 91
Position: 0130 (Trigger Segment)
Group: Segment Group 1 (Location Identification - Place of document issue - 91)
 Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a location applying to the entire message.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment indicates the place where the document is issued.
 Target entity is the Consignment as indicated in segment group 3.

Data Element Summary

	Data Element	Component		Attributes		
		Element	Name	Req/Repeat	Repr	
M	3227		LOCATION FUNCTION CODE QUALIFIER	M	1	an..3
			Code identifying the function of a location.			
		91	Place of document issue			
			The place or location where a document is issued.			
>>	C517		LOCATION IDENTIFICATION	C	1	
			Identification of a location by code or name.			
X		3225	Location name code	C		an..25
X		1131	Code list identification code	C		an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055	Code list responsible agency code	C		an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.			
>>		3224	Location name	C		an..35
			Name of the location.			
			12,3 AD PLACE ISSUE B/L NAME o			
			Name of the place where the Bill of Lading is officially issued.			
			Entity: Consignment			
			Attribute: placeOfIssueB/L			
X	C519		RELATED LOCATION ONE IDENTIFICATION	C	1	
			Identification the first related location by code or name.			
X		3223	First related location name code	C		an..25
			Code specifying first related location.			
X		1131	Code list identification code	C		an..17
			Code identifying a code list.			
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055	Code list responsible agency code	C		an..3

			Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3222	First related location name	C	an..70
			Name of first related location.		
X	C553		RELATED LOCATION TWO IDENTIFICATION	C	1
			Identification of second related location by code or name.		
X		3233	Second related location name code	C	an..25
			Code specifying the second related location.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3232	Second related location name	C	an..70
			Name of the second related location.		
X	5479		RELATION CODE	C	1 an..3

Group: **TOD** Segment Group 2: Terms of Delivery or Transport - Method of payment
Position: 0150
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to specify terms of delivery and related locations.
Notes: This conditional segment group holds the terms of delivery.
 Dependency is explained in the TOD segment.

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0160	TOD	Terms of Delivery or Transport	M	1	

Segment: **TOD** Terms of Delivery or Transport
Position: 0160 (Trigger Segment)
Group: Segment Group 2 (Terms of Delivery or Transport - Method of payment)
 Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the applicable terms of delivery.
Dependency Notes:
Semantic Notes:
Comments:
Notes: A segment indicating the method of payment.
 Target entity is Consignment.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
X	4055		DELIVERY OR TRANSPORT TERMS FUNCTION CODE	C 1 an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.	
>>	4215		TRANSPORT CHARGES PAYMENT METHOD CODE	C 1 an..3
			Code specifying the payment method for transport charges.	
			105,7 KO FREIGHT AND CHARGERS METHOD OF PAYMENT CODE o	
			Code for the payment method of the freight and charges due to the transport of the consignment.	
			Causes error 28 (Freight/charges method of payment code invalid) in APERAK when not available or incorrect.	
			Entity: Consignment	
			Attribute: transportPaymentMethod	
			Domain:Payment Method	
			CC Collect	
			A shipment on which freight charges will be paid by consignee.	
			MX Mixed	
			The consignment is partially collect and partially prepaid.	
			NC Service freight, no charge	
			The consignment is shipped on a service basis and there is no freight charge.	
			PE Payable elsewhere	
			Place of payment not known at the begin of	

conveyance.

PO

Prepaid only

Payment in advance of freight and/or other charges prior to delivery of shipment at destination, usually by shipper at point of origin.

X	C100	TERMS OF DELIVERY OR TRANSPORT	C	1
		Terms of delivery or transport code from a specified source.		
X		4053 Delivery or transport terms description code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		1131 Code list identification code	C	an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		4052 Delivery or transport terms description	C	an..70
X		4052 Delivery or transport terms description	C	an..70

Group: **RFF** Segment Group 3: Reference - Transport document number - BM
Position: 0180
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments containing a reference and constants which apply to the entire message.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0190	RFF	Reference - Transport document number - BM	M	1	

Segment: **RFF** Reference - Transport document number - BM
Position: 0190 (Trigger Segment)
Group: Segment Group 3 (Reference - Transport document number - BM) Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment holds the transport document reference number (B/L number).

Target entity for this segment is the Consignment updated or created.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	C506		REFERENCE	M	1
			Identification of a reference.		
M		1153	Reference code qualifier	M	an..3
			Code qualifying a reference.		
			BM Bill of lading number		
			Reference number assigned to a bill of lading, see: 1001 = 705.		
>>		1154	Reference identifier	C	an..17
			Identifies a reference.		
			155,5 RF REFERENCE BILL OF LADING r		
			Reference number assigned to the Bill of Lading (or waybill), must be unique for customs.		
			Format definition: SCAC code + B/L number (SCAC code must be equal to the one mentioned as carrier identifier in TDT[20],C040,3127).		
			Please note that all alphabetical characters should be capital characters.		
			Causes error 1 in APERAK when not available.		
			Entity: Consignment		
			Attribute: B/Lnumber		
X		1156	Document line identifier	C	an..6
X		4000	Reference version identifier	C	an..35
X		1060	Revision identifier	C	an..6

Group: **RFF** Segment Group 3: Reference - Movement reference number - MRN
Position: 0180
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 95
Purpose: A group of segments containing a reference and constants which apply to the entire message.
Notes: Dependency is explained in the RFF segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0190	RFF	Reference - Movement reference number - MRN	M	1	

Segment: **RFF** Reference - Movement reference number - MRN
Position: 0190 (Trigger Segment)
Group: Segment Group 3 (Reference - Movement reference number - MRN)
 Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment holds a movement reference number of the consignment.

Target entity for this segment is a Consignment Movement Reference of the MC Consignment Planning of the Consignment updated or created.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>	
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	C506		REFERENCE	M	1
			Identification of a reference.		
M		1153	Reference code qualifier	M	an..3
			Code qualifying a reference.		
			MRN Mailing reference number		
			Identifies the party designated by the importer to receive certain customs correspondence in lieu of its being mailed directly to the importer.		
			Value definition used here: Movement Reference Number		
>>		1154	Reference identifier	C	an..21
			Identifies a reference.		
			Movement reference number.		
			Entity: Consignment Movement Reference		
			Attribute: movementReferenceNumber		
X		1156	Document line identifier	C	an..6
		4000	Reference version identifier	O	an..35
			To identify the version of a reference.		
			704 The ENS Transport Document Type indicating a negotiable consignment		
			705 The ENS Transport Document Type indicating a non negotiable (straight) consignment		
X		1060	Revision identifier	C	an..6

Group: **RFF** Segment Group 3: Reference - Warehouse licence id - ANJ
Position: 0180
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments containing a reference and constants which apply to the entire message.
Notes: Dependency is explained in the RFF segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0190	RFF	Reference - Warehouse licence id - ANJ	M	1	

Segment: **RFF** Reference - Warehouse licence id - ANJ
Position: 0190 (Trigger Segment)
Group: Segment Group 3 (Reference - Warehouse licence id - ANJ) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment (in an optional SG3) holds the reference to the warehouse licence of the warehouse where the goods are to be stored.

This segment becomes mandatory when a warehouseCustomsAuthorityID is reported in a SG11/NAD[WH] segment.

This segment becomes not used when a valid customs Status ["C", "T", "T1", "T2", "N27"] is reported in a SG4/GOR segment

Target entity for this segment is the MC Consignment Planning of the Consignment updated or created.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>	
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	C506		REFERENCE	M	1
			Identification of a reference.		
M		1153	Reference code qualifier	M	an..3
			Code qualifying a reference.		
			ANJ Authorization number		
			A number which uniquely identifies an authorization.		
>>		1154	Reference identifier	C	an..35
			Identifies a reference.		
			Causes error 507 in APERAK when missing.		
			Causes error E02 in APERAK when invalid.		
			Entity: MC Consignment Planning		
			Attribute: warehouseLicenceID		
X		1156	Document line identifier	C	an..6
X		4000	Reference version identifier	C	an..35
X		1060	Revision identifier	C	an..6

Group: **RFF** Segment Group 3: Reference - Previous message - ACW
Position: 0180
Group:
Level: 1
Usage: Optional (Dependent)
Max Use: 1
Purpose: A group of segments containing a reference and constants which apply to the entire message.
Notes: Dependency is explained in the RFF segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0190	RFF	Reference - Previous message - ACW	M	1	

Segment: **RFF** Reference - Previous message - ACW
Position: 0190 (Trigger Segment)
Group: Segment Group 3 (Reference - Previous message - ACW) Optional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to express a reference which applies to the entire message such as: the document/message number that is to be updated by this very message (according to data element 1225 Message function code in segment BGM), booking reference, order number, insurance contract, etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment is mentioned once in this segment group for indicating the message number of the previous message that is changed or cancelled by this message.
 Target entity for this segment is Message.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	C506		REFERENCE	M	1
			Identification of a reference.		
M		1153	Reference code qualifier	M	an..3
			Code qualifying a reference.		
			ACW Reference number to previous message		
			Reference number assigned to the message which was previously issued (e.g. in the case of a cancellation, the primary reference of the message to be cancelled will be quoted in this element).		
>>		1154	Reference identifier	C	an..35
			Identifies a reference.		
			163 RE REFERENCE PREVIOUS MESSAGE d		
			Reference to the message that is to be replaced by the current message. This number has to equal the contents of RF REFERENCE MESSAGE of the message to which the current message refers.		
			Causes error 317 in APERAK when invalid.		
			Entity: Message		
			Attribute: ReferenceNumber		
X		1156	Document line identifier	C	an..6
X		4000	Reference version identifier	C	an..35
			704 The ENS Transport Document Type indicating a negotiable consignment		
			705 The ENS Transport Document Type indicating a non		

negotiable (straight) consignment

X

1060 Revision identifier

C

an..6

Group: **GOR** Segment Group 4: Governmental Requirements
Position: 0210
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to identify customs and other governmental procedures and required documents.
Notes: Dependency is explained in the GOR segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0220	GOR	Governmental Requirements	M	1	

Segment: **GOR** **Governmental Requirements**
Position: 0220 (Trigger Segment)
Group: Segment Group 4 (Governmental Requirements) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate applicable governmental procedures related to import, export and transport of the goods.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment holds the transport movement code and goods custom procedure code.

In case this segment is used, at least one of the two data elements must be present; the first or second occurrence of C232,9353 or both.

Target entity is the Consignment as indicated in segment group 3.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
8323		TRANSPORT MOVEMENT CODE Code specifying the transport movement.	C 1 an..3
C232		GOVERNMENT ACTION Code indicating a type of government action.	C 1
X	9415	Government agency identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..3
X	9411	Government involvement code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..3
X	9417	Government action code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..3
	9353	Government procedure code Code specifying a government procedure.	C an..3
	67,1	GO GOODS CUSTOMS STATUS CODE d Code for the procedure applicable to the customs declaration of the goods. Causes error 260 in APERAK when incorrect.	
		Entity: Consignment Attribute: customsStatus customsProcessCode	
		If content = "C", "T", "T1", "T2", "T2F", "NP" and "TV" then content will be stored in customsStatus. If content = "6", then customsProcessCode will be filled with value "27" (sea-in/sea-out).	

NB. Code "6" is not in the list, but the message should not fail when this code is used!

C	Goods transported as EU Community goods
N27	EU community goods in transshipment
NP	EU empty return packaging
T	EU Customs procedure T (goods transported under T1 and/or T2 documentation)
T1	EU Customs procedure T1 (goods transported under T1 documentation)
T2	EU Customs procedure T2 (goods transported under T2 documentation)
T2F	EU Customs procedure T2F (goods transported under T2 documentation between special fiscal territory and other customs territory, see Article 188 DA EU)
TV	Goods from European Free Trade Association (EFTA) countries

D **C232** **GOVERNMENT ACTION** **C** **1**
Code indicating a type of government action.

This composite element is mandatory if the first C232 composite element is not filled.

X **9415** **Government agency identification code** **C** **an..3**
Refer to D.00B Data Element Dictionary for acceptable code values.

X **9411** **Government involvement code** **C** **an..3**
Refer to D.00B Data Element Dictionary for acceptable code values.

X **9417** **Government action code** **C** **an..3**
Refer to D.00B Data Element Dictionary for acceptable code values.

>> **9353** **Government procedure code** **C** **an..3**
Code specifying a government procedure.

67,1 GO GOODS CUSTOMS PROCESS CODE d

Code for the procedure applicable to the customs declaration of the goods.

Causes error 260 in APERAK when incorrect.

Entity: Consignment

Attribute: customsProcessCode

27 Sea-in/Sea-out

302 Military goods

X **C232** **GOVERNMENT ACTION** **C** **1**
Code indicating a type of government action.

X **9415** **Government agency identification code** **C** **an..3**
Refer to D.00B Data Element Dictionary for acceptable code values.

X **9411** **Government involvement code** **C** **an..3**
Refer to D.00B Data Element Dictionary for acceptable code values.

X		9417 Government action code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		9353 Government procedure code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C232	GOVERNMENT ACTION	C	1
		Code indicating a type of government action.		
X		9415 Government agency identification code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		9411 Government involvement code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		9417 Government action code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		9353 Government procedure code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		

Group: **TDT** Segment Group 8: Details of Transport - Main carriage - 20
Position: 0460
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to indicate details of the movement of goods such as mode and means of transport, locations, departure, and arrival date(s) and time(s).

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID		Des.	Use	Repeat
M	0470	TDT	Details of Transport - Main carriage - 20	M	1	
	0500		Segment Group 9: Place/Location Identification	C		1
	0500		Segment Group 9: Place/Location Identification	C		1
	0500		Segment Group 9: Place/Location Identification	C		1
	0500		Segment Group 9: Place/Location Identification	C		1
	0530		Segment Group 10: Reference	C		1
	0530		Segment Group 10: Reference	C		1

Segment: **TDT** Details of Transport - Main carriage - 20
Position: 0470 (Trigger Segment)
Group: Segment Group 8 (Details of Transport - Main carriage - 20) Conditional
 (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate information related to a certain stage of the transport, such as mode, means and carrier.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the Voyage Stretch for this cargo.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat/Repr</u>		
M	8051		TRANSPORT STAGE CODE QUALIFIER Code qualifying a specific stage of transport. 20 Main-carriage transport The primary stage in the movement of cargo from the point of origin to the intended destination.	M	1	an..3
>>	8028		MEANS OF TRANSPORT JOURNEY IDENTIFIER To identify a journey of a means of transport. 22 BO VOYAGE NUMBER/ INDICATION SEATRANSPORT r The voyage number or an indication (e.g. a date of sail) of the seagoing vessel as issued by the shipowner/agent of the main transport in which the goods is to be /has been shipped. Causes error 2 in APERAK when not available. Entity: Voyage Stretch Attribute: agentsVoyageNumber	C	1	an..17
>>	C220		MODE OF TRANSPORT Method of transport code or name. Code preferred.	C	1	
>>		8067	Transport mode name code Code specifying the name of a mode of transport. Causes error 321 in APERAK when invalid. 1 Maritime transport	C		an..3
X		8066	Transport mode name	C		an..17
X	C228		TRANSPORT MEANS Code and/or name identifying the type of means of transport.	C	1	
X		8179	Transport means description code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..8

X		8178	Transport means description	C	an..17
>>	C040		CARRIER	C	1
			Identification of a carrier by code and/or by name. Code preferred.		
>>		3127	Carrier identifier	C	an..17
			To identify a carrier.		
			20 BO SHIPPING LINE/REGULAR SERVICE ID r		
			Unique identification of the shipping line or regular service of the main transport.		
			Code list: SCAC Code (US Standard Carrier Alpha Code).		
			Causes error 3 in APERAK when not available.		
			Causes error 4 in APERAK when invalid.		
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
		3128	Carrier name	C	an..35
			Name of a carrier.		
			21 BO OCEAN CARRIER/SERVICE NAME o		
			Name of the shipping line or regular service of the main transport in which the cargo is to be/has been shipped.		
			We don't store this because it's reference data.		
X	8101		TRANSIT DIRECTION INDICATOR CODE	C	1 an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C401		EXCESS TRANSPORTATION INFORMATION	C	1
			To provide details of reason for, and responsibility for, use of transportation other than normally utilized.		
X		8457	Excess transportation reason code	M	an..3
			Code specifying the reason for excess transportation.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		8459	Excess transportation responsibility code	M	an..3
			Code specifying the responsibility for excess transportation.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		7130	Customer shipment authorisation identifier	C	an..17
>>	C222		TRANSPORT IDENTIFICATION	C	1
			Code and/or name identifying the means of transport.		
>>		8213	Transport means identification name identifier	C	an..9
			Identifies the name of the transport means.		
			16,1 BO VESSEL ID LLOYD'S REGISTER NUMBER r		
			The number under which the vessel is registered in the Lloyd's Register.		
			Code list: UN Recommendation No. 10, IMO number (IMO's Ship identification Numbering Scheme)		
			Format definition: the final seven characters.		

			Causes error 341 in APERAK when not available. Causes error 340 in APERAK when invalid.	
X	1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.	
X	3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.	
	8212	Transport means identification name	C	an..35
			Name identifying a means of transport.	
			17 BO VESSEL NAME o	
			The name of the seagoing vessel of the main transport in which the cargo is to be/has been shipped.	
			We don't store this because it's reference data.	
	8453	Transport means nationality code	C	an..3
			Code specifying the nationality of a means of transport.	
			17,1 BO VESSEL NATIONALITY FLAG CODE o	
			Code for the nationality of the main carriage vessel according to the abbreviations in the Lloyd's Maritime Flag Directory table.	
			No processing, no validation.	
X	8281	TRANSPORT MEANS OWNERSHIP INDICATOR CODE	C	1 an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.	

Group: **LOC** Segment Group 9: Place/Location Identification
Position: 0500
Group: Segment Group 8 (Details of Transport - Main carriage - 20) Conditional
 (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0510	LOC	Location Identification - Discharge location - 11	M	1	
Must Use	0520	DTM	Date/Time/Period - Estimated Arrival Time - 132	C	1	

Segment: **LOC** Location Identification - Discharge location - 11
Position: 0510 (Trigger Segment)
Group: Segment Group 9 (Place/Location Identification) Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.

Dependency Notes:

Semantic Notes:

Comments:

Notes: The segment is used to determine the Port Location (Terminal) that is the discharge location of the Consignment as determined in segment group 3. The Port Location is determined by the Port that is specified in C517/3225 and the Port Location (terminal code) that is specified in C519/3223.

Data Element Summary

	<u>Data Element</u>	<u>Component Element Name</u>		<u>Attributes</u>	
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location.	M	1 an..3
		11	Place/port of discharge (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.		
>>	C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	1
>>		3225	Location name code Code specifying the name of the location.	C	an..25
		18	BO PORT OF DISCHARGE CODE r Code of the port where the cargo will be discharged from the vessel used for the main transport (not the transshipment port). Code list: UN Recommendation No 16 (UN/LOCODE). Causes error 5 in APERAK when not available. Causes error 6 in APERAK when UNLOCODE invalid.		
			Entity: MC Planned Consignment Discharge Attribute: FK for Port Visit		
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3
		3224	Location name Name of the location.	C	an..256

		19	BO PORT OF DISCHARGE NAME	o			
			Name of the port where the cargo will be discharged from the vessel used for the main transport (not the transshipment port).				
			We don't store this because it's reference data.				
D	C519		RELATED LOCATION ONE IDENTIFICATION		C	1	
			Identification the first related location by code or name.				
>>		3223	First related location name code		C	an..25	
			Code specifying first related location.				
		18,1	BO PORT OF DISCHARGE BERTH CODE	r			
			Code for the discharge terminal of the consignment.				
			Causes error 358 in APERAK when not available or invalid.				
			Entity: MC Planned Consignment Discharge				
			Attribute: FK for Port Location				
			If port of discharge is equal to the port of call of the vessel voyage: Discharge terminal must be indicated and must be available in the port of discharge as a terminal with a Terminal Modality for "Maritime transport".				
			If port of discharge is not equal to the port of call of the vessel voyage: Discharge terminal is optional and will not be processed and stored.				
X		1131	Code list identification code		C	an..17	
			Refer to D.00B Data Element Dictionary for acceptable code values.				
X		3055	Code list responsible agency code		C	an..3	
			Refer to D.00B Data Element Dictionary for acceptable code values.				
		3222	First related location name		C	an..70	
			Name of first related location.				
		18,2	BO PORT OF DISCHARGE BERTH NAME	o			
			Name of the quay where the main transport vessel will moore in the port of discharge.				
			We don't store this because it's reference data.				
X	C553		RELATED LOCATION TWO IDENTIFICATION		C	1	
			Identification of second related location by code or name.				
X		3233	Second related location name code		C	an..25	
X		1131	Code list identification code		C	an..17	
			Refer to D.00B Data Element Dictionary for acceptable code values.				
X		3055	Code list responsible agency code		C	an..3	
			Refer to D.00B Data Element Dictionary for acceptable code values.				
X		3232	Second related location name		C	an..70	
X	5479		RELATION CODE		C	1 an..3	

Segment: **DTM** Date/Time/Period - Estimated Arrival Time - 132
Position: 0520
Group: Segment Group 9 (Place/Location Identification) Conditional (Required)
Level: 3
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify a date/time related to the location, such as arrival date/time of a means of transport at a specific location.

Dependency Notes:

Semantic Notes:

Comments:

Notes: In spite of the fact that this segment is mandatory its data will not be stored in the PCS (the estimated arrival time on each berth is to be reported by the ship operator).

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Req/Repeat/Repr</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	1
M		2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 132 Arrival date/time, estimated (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.	M	an..3
>>		2380	Date or time or period value The value of a date, a date and time, a time or of a period in a specified representation. 172,2 TS DATE/TIME ARRIVAL EXPECTED POD MT r Expected date (and time) of arrival of the means of transport for the main carriage in the port of discharge. Causes error 410 in APERAK when not available or < 01-01-1970.	C	an..8
>>		2379	Date or time or period format code Code specifying the representation of a date, time or period. 102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	C	an..3

Group: **LOC** Segment Group 9: Place/Location Identification
Position: 0500
Group: Segment Group 8 (Details of Transport - Main carriage - 20) Conditional
 (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to specify a location and date/time related to this leg of transport.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0510	LOC	Location Identification - Port of loading location - 9	M	1	
D	0520	DTM	Date/Time/Period - Actual Departure Date - 186	C	1	

Segment: **LOC** Location Identification - Port of loading location - 9
Position: 0510 (Trigger Segment)
Group: Segment Group 9 (Place/Location Identification) Conditional (Dependent)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.

Dependency Notes:

Semantic Notes:

Comments:

Notes: The segment is used to select the Port Visit that is the start of the Voyage Stretch for this cargo.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat</u>	<u>Repr</u>	
M	3227		LOCATION FUNCTION CODE QUALIFIER Code identifying the function of a location. 9 Place/port of loading (3334 + 3230) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage.	M	1	an..3
>>	C517		LOCATION IDENTIFICATION Identification of a location by code or name.	C	1	
>>		3225	Location name code Code specifying the name of the location. 19,5 BO PORT OF LOADING CODE r Code for the place/port of loading where the goods (cargo) is actually loaded into the transport means for the main carriage. Code list: UN Recommendation No 16 (UN/LOCODE) Causes error 7 in APERAK when not available. Causes error 8 in APERAK when UNLOCODE invalid. Entity: Voyage Stretch Attribute: FK Port Visit (start)	C		an..25
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..3
		3224	Location name Name of the location. 19,6 BO PORT OF LOADING NAME o	C		an..256

Name for the place/port of loading where the goods (cargo) is actually loaded into the transport means for the main carriage.

We don't store this because it's reference data.

X	C519	RELATED LOCATION ONE IDENTIFICATION	C	1	
		Identification the first related location by code or name.			
X		3223 First related location name code	C		an..25
		Code specifying first related location.			
X		1131 Code list identification code	C		an..17
		Code identifying a code list.			
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055 Code list responsible agency code	C		an..3
		Code specifying the agency responsible for a code list.			
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3222 First related location name	C		an..70
		Name of first related location.			
X	C553	RELATED LOCATION TWO IDENTIFICATION	C	1	
		Identification of second related location by code or name.			
X		3233 Second related location name code	C		an..25
X		1131 Code list identification code	C		an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055 Code list responsible agency code	C		an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3232 Second related location name	C		an..70
X	5479	RELATION CODE	C	1	an..3

Segment: **DTM** Date/Time/Period - Actual Departure Date - 186
Position: 0520
Group: Segment Group 9 (Place/Location Identification) Conditional (Dependent)
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to specify a date/time related to the location, such as arrival date/time of a means of transport at a specific location.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the Port Departure of the Port Visit that is the start of the Voyage Stretch for this cargo.

Data Element Summary

	Data Element	Component Element	Name	Attributes	Req/Repeat/Repr
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	1
M		2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 186 Departure date/time, actual (2280) Date (and time) of departure of means of transport.	M	an..3
>>		2380	Date or time or period value The value of a date, a date and time, a time or of a period in a specified representation. 172,31 TS DATE/TIME DEPARTURE ACTUAL POL MT r Actual date (and time) of departure of the means of transport for the main carriage from the port of loading. Synonym: Actual Sailing date. Causes error 411 in APERAK when not available or < 01-01-1970. Entity: Port Departure Attribute: actualDepartureDate Only to be stored in case the current PCS value is empty.	C	an..8
>>		2379	Date or time or period format code Code specifying the representation of a date, time or period. 102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	C	an..3

Group: **LOC** Segment Group 9: Place/Location Identification
Position: 0500
Group: Segment Group 8 (Details of Transport - Main carriage - 20) Conditional
 (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0510	LOC	Location Identification - Final port of discharge - 170	M	1	

Segment: **LOC** Location Identification - Final port of discharge - 170
Position: 0510 (Trigger Segment)
Group: Segment Group 9 (Place/Location Identification) Conditional (Dependent)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the following Consignment Subcarriage Information (on-carriage) for the Consignment as indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>		
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>		
M	3227		LOCATION FUNCTION CODE QUALIFIER	M	1	an..3
			Code identifying the function of a location.			
		170	Final port of discharge			
			Last port at which cargo is unloaded from a vessel before the cargo is moved to a place of delivery or destination.			
>>	C517		LOCATION IDENTIFICATION	C	1	
			Identification of a location by code or name.			
>>		3225	Location name code	C		an..25
			Code specifying the name of the location.			
		24,1	BO PORT OF DISCHARGE FINAL CODE r			
			Code for the port where the cargo is discharged from the vessel used for the on-carriage transport (after the main transport). Synonym: Final port of discharge, On-carriage port			
			Code list: UN recommendation No 16 (UN/LOCODE)			
			Causes error 9 in APERAK when UNLOCODE invalid.			
			Entity: Consignment Subcarriage Information			
			Attribute: FK Location			
X		1131	Code list identification code	C		an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055	Code list responsible agency code	C		an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.			
		3224	Location name	C		an..256
			Name of the location.			
		24,2	BO PORT OF DISCHARGE FINAL NAME o			
			Name of the port where the cargo is discharged from the vessel used for			

the on-carriage transport (after the main transport). Synonym: Final port of discharge, On-carriage port.

We don't store this because it's reference data.

X	C519	RELATED LOCATION ONE IDENTIFICATION	C	1	
		Identification the first related location by code or name.			
X		3223 First related location name code	C		an..25
		Code specifying first related location.			
X		1131 Code list identification code	C		an..17
		Code identifying a code list.			
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055 Code list responsible agency code	C		an..3
		Code specifying the agency responsible for a code list.			
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3222 First related location name	C		an..70
		Name of first related location.			
X	C553	RELATED LOCATION TWO IDENTIFICATION	C	1	
		Identification of second related location by code or name.			
X		3233 Second related location name code	C		an..25
X		1131 Code list identification code	C		an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055 Code list responsible agency code	C		an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3232 Second related location name	C		an..70
X	5479	RELATION CODE	C	1	an..3

Group: **LOC** Segment Group 9: Place/Location Identification
Position: 0500
Group: Segment Group 8 (Details of Transport - Main carriage - 20) Conditional
 (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: To identify a place or a location and/or related locations.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0510	LOC	Location Identification - Pre-carriage port - 82	M	1	

Segment: **LOC** Location Identification - Pre-carriage port - 82
Position: 0510 (Trigger Segment)
Group: Segment Group 9 (Place/Location Identification) Conditional (Dependent)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate a location such as origin, destination, stop off, etc. related to this leg of transport.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the previous Consignment Subcarriage Information (pre-carriage) for the Consignment as indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>		
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>		
M	3227		LOCATION FUNCTION CODE QUALIFIER	M	1	an..3
			Code identifying the function of a location.			
		82	Pre-carriage port			
			Port of loading at which the cargo is loaded on the pre-carriage vessel used for the transport prior to the main transport.			
>>	C517		LOCATION IDENTIFICATION	C	1	
			Identification of a location by code or name.			
>>		3225	Location name code	C		an..25
			Code specifying the name of the location.			
		19,7	BO PORT OF LOADING CODE PRE-CARRIAGE r			
			Code for the port where the cargo is loaded on the vessel used for the pre-carriage transport (prior to the main transport). Synonym: Original port of loading, port of origin.			
			Code list: UN recommendation No 16 (UN/LOCODE)			
			Causes error 10 in APERAK when UNLOCODE invalid.			
			Entity: Consignment Subcarriage Information			
			Attribute: FK Location			
X		1131	Code list identification code	C		an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055	Code list responsible agency code	C		an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.			
		3224	Location name	C		an..256
			Name of the location.			
		19,8	BO PORT OF LOADING NAME PRE-CARRIAGE o			
			Name of the port where the cargo is loaded on the vessel used for the pre-			

-carriage transport (prior to the main transport). Synonym: Original port of loading, port of origin.

We don't store this because it's reference data.

X	C519	RELATED LOCATION ONE IDENTIFICATION	C	1	
		Identification the first related location by code or name.			
X		3223 First related location name code	C		an..25
		Code specifying first related location.			
X		1131 Code list identification code	C		an..17
		Code identifying a code list.			
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055 Code list responsible agency code	C		an..3
		Code specifying the agency responsible for a code list.			
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3222 First related location name	C		an..70
		Name of first related location.			
X	C553	RELATED LOCATION TWO IDENTIFICATION	C	1	
		Identification of second related location by code or name.			
X		3233 Second related location name code	C		an..25
X		1131 Code list identification code	C		an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055 Code list responsible agency code	C		an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3232 Second related location name	C		an..70
X	5479	RELATION CODE	C	1	an..3

Group: **RFF** Segment Group 10: Reference
Position: 0530
Group: Segment Group 8 (Details of Transport - Main carriage - 20) Conditional
 (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0540	RFF	Reference - Call Reference Number - ATZ	M	1	

Segment: **RFF** Reference - Call Reference Number - ATZ
Position: 0540 (Trigger Segment)
Group: Segment Group 10 (Reference) Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the additional reference.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	C506		REFERENCE Identification of a reference.	M 1
M		1153	Reference code qualifier Code qualifying a reference. ATZ Ship's stay reference number Reference number assigned by a port authority to the stay of a vessel in the port.	M an..3
>>		1154	Reference identifier Identifies a reference. 164,1 RF SHIP'S CALL REFERENCE POD MT r Reference number assigned by the authority in the port to a certain call of the main transport vessel in that port. Format definition: UN/LOCODE for the port, Year (2 digits), Sequence number. e.g. NLRTM05000345 Causes error 11 in APERAK when not available. Causes error 12 in APERAK when invalid. Entity: Port Visit Attribute: callReferenceNumber Processing: Selection of Port Visit Must be validated against the available, not cancelled vessel calls in the PCS.	C an..35
X		1156	Document line identifier	C an..6
X		4000	Reference version identifier	C an..35
X		1060	Revision identifier	C an..6

Group: **RFF** Segment Group 10: Reference
Position: 0530
Group: Segment Group 8 (Details of Transport - Main carriage - 20) Conditional
 (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0540	RFF	Reference - Radio Call Sign - VM	M	1	

Segment: **RFF** Reference - Radio Call Sign - VM
Position: 0540 (Trigger Segment)
Group: Segment Group 10 (Reference) Conditional (Dependent)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the additional reference.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	C506		REFERENCE Identification of a reference.	M	1
M		1153	Reference code qualifier Code qualifying a reference. VM Vessel identification (8123) Reference identifying a vessel (UN/ECE Recommendation No 10).	M	an..3
>>		1154	Reference identifier Identifies a reference. 16 BO VESSEL ID RADIO CALL SIGN o The 'radio call sign' of the seagoing vessel of the main transport in which the cargo is to be/has been shipped. Code list: International Telecommunication Union Radio Call Sign (IRCS) for ship stations.	C	an..35
X		1156	Document line identifier	C	an..6
X		4000	Reference version identifier	C	an..35
X		1060	Revision identifier	C	an..6

Group: **NAD** Segment Group 11: Name and Address - Message sender - MS
Position: 0560
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.

Notes: Information Group 11
The message will contain five to eight of these segment groups. The following party segments are used

1. Message sender required including (optional) contact details
2. Cargo Handling Agent required including (optional) contact details
3. Consignor(Shipper) required no contact details
4. Consignee optional no contact details
5. Notify party 1 optional no contact details
6. Inland carrier optional no contact details
7. Notify party 2 optional no contact details
8. Warehouse keeper optional no contact details

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0570	NAD	Name and Address - Message sender - MS	M	1	
	0600		Segment Group 12: Contact Information	C		1

Segment: **NAD** Name and Address - Message sender - MS
Position: 0570 (Trigger Segment)
Group: Segment Group 11 (Name and Address - Message sender - MS) Conditional
 (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. MS Document/message issuer/sender Issuer of a document and/or sender of a message.	M 1 an..3
>>	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1
M		3039	Party identifier Code specifying the identity of a party. 114 PA MESSAGE SENDER ID r Unique identification of the organisation of the sender of the message (in case of a copy of a message the sender of the original message). Format definition: 2- Alpha UN/ISO Country code followed by Chamber of Commerce number of the organisation, e.g. NL11223344556 Causes error 20 in APERAK when not available. Causes error 21 in APERAK when invalid. Entity: Message Party Attribute: FK Company MessageRole = "Sender". Should be validated as described in use case.	M an..35
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..3
	C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1
		3124	Name and address description	C an..35

			Free form description of a name and address line.		
		115	PA MESSAGE SENDER NAME		
			Name and address of the organisation of the sender of the message.		
			We don't store this because it's reference data.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			We don't store this because it's reference data.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			We don't store this because it's reference data.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			We don't store this because it's reference data.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			We don't store this because it's reference data.		
X	C080		PARTY NAME	C	1
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
X		3036	Party name	M	an..35
			Name of a party.		
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3045	Party name format code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C059		STREET	C	1
			Street address and/or PO Box number in a structured address: one to four lines.		
X		3042	Street and number or post office box identifier	M	an..35
			To identify a street and number and/or Post Office box number.		
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
X	3164		CITY NAME	C	1 an..35
X	C819		COUNTRY SUB-ENTITY DETAILS	C	1
			To specify a part of a country (eg county or part of a city).		
X		3229	Country sub-entity name code	C	an..9
X		1131	Code list identification code	C	an..17

Refer to D.00B Data Element Dictionary for acceptable code values.

X	3055	Code list responsible agency code	C	an..3
				Refer to D.00B Data Element Dictionary for acceptable code values.
X	3228	Country sub-entity name	C	an..35
X	3251	POSTAL IDENTIFICATION CODE	C	1 an..17
X	3207	COUNTRY NAME CODE	C	1 an..3

Group: **CTA** Segment Group 12: Contact Information
Position: 0600
Group: Segment Group 11 (Name and Address - Message sender - MS) Conditional
 (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0610	CTA	Contact Information - Information contact - IC	M	1	
	0620	COM	Communication Contact - Fax number - FX	C	1	
	0620	COM	Communication Contact - E-mail adress - EM	C	1	
	0620	COM	Communication Contact - Telephone number - TE	C	1	

Segment: **CTA Contact Information - Information contact - IC**
Position: 0610 (Trigger Segment)
Group: Segment Group 12 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department within a party.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Contact information is part of the reference data, therefore the contact information segments are not stored.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
				<u>Req/Repeat/Repr</u>
>>	3139		CONTACT FUNCTION CODE	C 1 an..3
			Code specifying the function of a contact (e.g. department or person).	
			IC Information contact	
			Department/person to contact for questions regarding transactions.	
>>	C056		DEPARTMENT OR EMPLOYEE DETAILS	C 1
			Code and/or name of a department or employee. Code preferred.	
X		3413	Department or employee name code	C an..17
>>		3412	Department or employee name	C an..35
			Name of a department or employee.	
			113 PA MESSAGE SENDER CONTACT NAME o	
			Department or employee within the company of the sender of the message who can be contacted with regard to the sent message.	
			Entity: Message Contact	
			Attribute: name	

Segment: **COM** **Communication Contact - Fax number - FX**
Position: 0620
Group: Segment Group 12 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed, in this case the fax number.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Contact information is part of the reference data, therefore the contact information segments are not stored.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>	
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat</u>	<u>Repr</u>
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	1
M		3148	Communication address identifier To identify a communication address. 113,2 PA MESSAGE SENDER CONTACT NUMBER TELEFAX o Telefax number of the department or employee within the company of the sender of the message that can be contacted with regard to the sent message. Entity: Message Contact Attribute: faxNumber	M	an..512
M		3155	Communication address code qualifier Code qualifying the communication address. FX Telefax Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.	M	an..3

Segment: **COM** **Communication Contact - E-mail address - EM**
Position: 0620
Group: Segment Group 12 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed, in this case the e-mail address.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Contact information is part of the reference data, therefore the contact information segments are not stored.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>	
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat</u>	<u>Repr</u>
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	1
M		3148	Communication address identifier To identify a communication address. 113,3 PA MESSAGE SENDER CONTACT NUMBER E-MAIL o E-mail address of the department or employee within the company of the sender of the message that can be contacted with regard to the sent message. Entity: Message Contact Attribute: eMailAddress	M	an..512
M		3155	Communication address code qualifier Code qualifying the communication address. EM Electronic mail Exchange of mail by electronic means.	M	an..3

Segment: **COM** **Communication Contact - Telephone number - TE**
Position: 0620
Group: Segment Group 12 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed, in this case the fax number.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Contact information is part of the reference data, therefore the contact information segments are not stored.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>	
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat</u>	<u>Repr</u>
M	C076		COMMUNICATION CONTACT	M	1
			Communication number of a department or employee in a specified channel.		
M		3148	Communication address identifier	M	an..512
			To identify a communication address.		
			113,1 PA MESSAGE SENDER CONTACT NUMBER TELEPHONE o		
			Telephone number of the department or employee within the company of the sender of the message that can be contacted with regard to the sent message.		
			Entity: Message Contact		
			Attribute: phoneNumber		
M		3155	Communication address code qualifier	M	an..3
			Code qualifying the communication address.		
			TE Telephone		
			Voice/data transmission by telephone.		

Group: **NAD** Segment Group 11: Name and Address - Cargo Handling Agent -
 CG
Position: 0560
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to identify a party, related references, locations contacts,
 required documents, and charges to be paid by the party.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0570	NAD	Name and Address - Cargo Handling Agent - CG	M	1	
	0600		Segment Group 12: Contact Information	C		1

Segment: **NAD** Name and Address - Cargo Handling Agent - CG
Position: 0570 (Trigger Segment)
Group: Segment Group 11 (Name and Address - Cargo Handling Agent - CG)
 Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. CG Carrier's agent Party authorized to act for or on behalf of carrier.	M	1 an..3
>>	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1
M		3039	Party identifier Code specifying the identity of a party. 138 PA OCEAN CARRIER AGENT ID r Identification of the party authorized to act for or on behalf of ocean carrier with respect to the consignment carried by the carriers' vessel. Format definition: 2-alpha UN/ISO Country code followed by Chamber of Commerce number of the organisation, e.g. NL11223344556 Causes error 22 in APERAK when not available. Causes error 23 in APERAK when invalid. Entity: Company (related to Visit Address with role 'Cargo Handling Agent') Attribute: chamberOfCommerceNumber + Entity: Country (related to Company) Attribute: UNcode (first 2 chars) Processing: Selection of Cargo Handling Agent	M	an..35
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3
	C058		NAME AND ADDRESS	C	1

			Unstructured name and address: one to five lines.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			138,1 PA OCEAN CARRIER AGENT NAD r		
			Name and address of the carrier's agent.		
			We don't store this because it's reference data.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			We don't store this because it's reference data.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			We don't store this because it's reference data.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			We don't store this because it's reference data.		
		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
			We don't store this because it's reference data.		
X	C080		PARTY NAME	C	1
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
X		3036	Party name	M	an..35
			Name of a party.		
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3045	Party name format code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C059		STREET	C	1
			Street address and/or PO Box number in a structured address: one to four lines.		
X		3042	Street and number or post office box identifier	M	an..35
			To identify a street and number and/or Post Office box number.		
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
X	3164		CITY NAME	C	1 an..35
X	C819		COUNTRY SUB-ENTITY DETAILS	C	1
			To specify a part of a country (eg county or part of a city).		

X		3229	Country sub-entity name code	C	an..9
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3228	Country sub-entity name	C	an..35
X	3251		POSTAL IDENTIFICATION CODE	C	1 an..17
X	3207		COUNTRY NAME CODE	C	1 an..3

Group: **CTA Segment Group 12: Contact Information**
Position: 0600
Group: Segment Group 11 (Name and Address - Cargo Handling Agent - CG)
 Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments identifying a contact and its communications related to the party.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0610	CTA	Contact Information - Information contact - IC	M	1	
	0620	COM	Communication Contact - Fax number - FX	C	1	
	0620	COM	Communication Contactt - E-mail adress - EM	C	1	
	0620	COM	Communication Contact- Telephone number - TE	C	1	

Segment: **CTA Contact Information - Information contact - IC**
Position: 0610 (Trigger Segment)
Group: Segment Group 12 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department within a party.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Contact information is part of the reference data, therefore the contact information segments are not stored.

Data Element Summary

	Data	Component	Attributes
	<u>Element</u>	<u>Element</u> <u>Name</u>	<u>Req/Repeat/Repr</u>
>>	3139	CONTACT FUNCTION CODE Code specifying the function of a contact (e.g. department or person). IC Information contact Department/person to contact for questions regarding transactions.	C 1 an..3
>>	C056	DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.	C 1
X	3413	Department or employee name code	C an..17
>>	3412	Department or employee name Name of a department or employee. 138,2 PA OCEAN CARRIER AGENT CONTACT NAME o Name of the contact person or department of the carrier's agent to be contacted with regard to the sent message.	C an..35

Segment: **COM** **Communication Contact - Fax number - FX**
Position: 0620
Group: Segment Group 12 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	1
M		3148	Communication address identifier To identify a communication address. 138,4 PA OCEAN CARRIER AGENT CONTACT NUMBER TELEFAX Telefax number by which the contact person or department of the carrier's agent can be contacted.	M	an..512
M		3155	Communication address code qualifier Code qualifying the communication address. FX Telefax Device used for transmitting and reproducing fixed graphic material (as printing) by means of signals over telephone lines or other electronic transmission media.	M	an..3

Segment: **COM** **Communication Contactt - E-mail adress - EM**
Position: 0620
Group: Segment Group 12 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.

Dependency Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat</u>	<u>Repr</u>
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	1
M		3148	Communication address identifier To identify a communication address. 138,5 PA OCEAN CARRIER AGENT CONTACT NUMBER EMAIL o E-mail address by which the contact person or department of the carrier's agent can be contacted.	M	an..512
M		3155	Communication address code qualifier Code qualifying the communication address. EM Electronic mail Exchange of mail by electronic means.	M	an..3

Segment: **COM** **Communication Contact- Telephone number - TE**
Position: 0620
Group: Segment Group 12 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat</u>	<u>Repr</u>
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	1
M		3148	Communication address identifier To identify a communication address. 138,3 PA OCEAN CARRIER AGENT CONTACT NUMBER PHONE Telephone number by which the contact person or department of the carrier's agent can be contacted.	M	an..512
M		3155	Communication address code qualifier Code qualifying the communication address. TE Telephone Voice/data transmission by telephone.	M	an..3

Group: **NAD** Segment Group 11: Name and Address - Consignor - CZ
Position: 0560
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.
Notes: Dependency is explained in the NAD segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0570	NAD	Name and Address - Consignor - CZ	M	1	

Segment: **NAD** Name and Address - Consignor - CZ
Position: 0570 (Trigger Segment)
Group: Segment Group 11 (Name and Address - Consignor - CZ) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Target entity of this segment is the Consignment Address of the Consignment as determined in segment group 3 with roleCode = "SC".

Data Element Summary

	Data Element	Component Element	Name	Attributes	
				Req/Repeat	Repr
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. Entity: Consignment Address Attribute: roleCode Message value: "CZ"(Consignor) PCS value stored: "SC" (Consignor) CZ Consignor (3336) Party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him. Synonym: shipper, sender.	M	1 an..3
		C082	PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1
M		3039	Party identifier Code specifying the identity of a party. If EORI number is known, it should be included here. If EORI number is specified, all name/address elements are optional. If EORI number is not specified, the full shipper/consignor address in elements C080 (name), C059 (address), 3164 (city), 3151 (postal code) and 3207 (country) is mandatory. Causes error 24 in APERAK when one or more of these name/address details are missing. Entity: Consignment Address Attribute: customsEoriNumber	M	an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3

X	C058	NAME AND ADDRESS	C	1	Unstructured name and address: one to five lines.
X		3124 Name and address description	M	an..35	Free form description of a name and address line.
X		3124 Name and address description	C	an..35	Free form description of a name and address line.
X		3124 Name and address description	C	an..35	Free form description of a name and address line.
X		3124 Name and address description	C	an..35	Free form description of a name and address line.
X		3124 Name and address description	C	an..35	Free form description of a name and address line.
	C080	PARTY NAME	C	1	Identification of a transaction party by name, one to five lines. Party name may be formatted.
M		3036 Party name	M	an..35	Name of a party.
					116 PA SHIPPER IN CONTRACT NAD r Name of the shipper/consignor as to be stated in the transport contract (e.g. in the bill of lading).
					Entity: Consignment Address Attribute: name
X		3036 Party name	C	an..35	
X		3036 Party name	C	an..35	
X		3036 Party name	C	an..35	
X		3036 Party name	C	an..35	
X		3045 Party name format code	C	an..3	Refer to D.00B Data Element Dictionary for acceptable code values.
	C059	STREET	C	1	Street address and/or PO Box number in a structured address: one to four lines.
M		3042 Street and number or post office box identifier	M	an..35	To identify a street and number and/or Post Office box number.
					116 PA SHIPPER IN CONTRACT NAD r Address of the shipper/consignor as to be stated in the transport contract (e.g. in the bill of lading). This can be the full street name + number or the PO. Box + number.
					Entity: Consignment Address Attribute: address
X		3042 Street and number or post office box identifier	C	an..35	
X		3042 Street and number or post office box identifier	C	an..35	
X		3042 Street and number or post office box identifier	C	an..35	

	3164	CITY NAME	C	1	an..35
		Name of a city.			
		116 PA SHIPPER IN CONTRACT NAD r			
		Name of the residence of the shipper/consignor as to be stated in the transport contract (e.g. in the bill of lading).			
		Entity: Consignment Address			
		Attribute: city			
X	C819	COUNTRY SUB-ENTITY DETAILS	C	1	
		To specify a part of a country (eg county or part of a city).			
X	3229	Country sub-entity name code	C		an..9
X	1131	Code list identification code	C		an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X	3055	Code list responsible agency code	C		an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X	3228	Country sub-entity name	C		an..35
	3251	POSTAL IDENTIFICATION CODE	C	1	an..9
		Code specifying the postal zone or address.			
		116 PA SHIPPER IN CONTRACT NAD r			
		Postal area code related to the address of the shipper/consignor as to be stated in the transport contract (e.g. in the bill of lading).			
		Entity: Consignment Address			
		Attribute: zipCode			
	3207	COUNTRY NAME CODE	C	1	an..2
		Identification of the name of the country or other geographical entity as specified in ISO 3166.			
		116 PA SHIPPER IN CONTRACT NAD r			
		Country where the residence is situated of the shipper/consignor as to be stated in the transport contract (e.g. in the bill of lading).			
		Causes error C30 in APERAK when invalid.			
		Entity: Country (residence of Consignment Address)			
		Attribute: UNcode			

Group: **NAD** Segment Group 11: Name and Address - Consignee - CN
Position: 0560
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.
Notes: Dependency is explained in the NAD segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0570	NAD	Name and Address - Consignee - CN	M	1	

Segment: **NAD** Name and Address - Consignee - CN
Position: 0570 (Trigger Segment)
Group: Segment Group 11 (Name and Address - Consignee - CN) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Target entity of this segment is the Consignment Address of the Consignment as determined in segment group 3 with roleCode = "CS".

Data Element Summary

	Data Element	Component Element	Name	Attributes	
				Req/Repeat	Repr
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. Entity: Consignment Address Attribute: roleCode Message value: "CN"(Consignee) PCS value stored: "CS" (Consignee) CN Consignee (3132) Party to which goods are consigned.	M	1 an..3
	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1
M		3039	Party identifier Code specifying the identity of a party. If EORI number is known, it should be included here. If B/L is "To order", the value "10600" should be included here and the consignee name (C080) should preferably be filled with "To order". If EORI number or value "10600" is included, all name/address elements are optional. If no EORI number or value "10600" is included, the full consignee address in elements C080 (name), C059 (address), 3164 (city), 3151 (postal code) and 3207 (country) is mandatory. Causes error 27 in APERAK when one or more of these name/address details are missing. Entity: Consignment Address Attribute: customsEoriNumber	M	an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X		3055	Code list responsible agency code	C	an..3

			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C058		NAME AND ADDRESS	C	1
			Unstructured name and address: one to five lines.		
X		3124	Name and address description	M	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
	C080		PARTY NAME	C	1
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
M		3036	Party name	M	an..35
			Name of a party.		
			121 PA CONSIGNEE NAD r Name of the party to which the goods are destined.		
			Entity: Consignment Address Attribute: name		
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3045	Party name format code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
	C059		STREET	C	1
			Street address and/or PO Box number in a structured address: one to four lines.		
M		3042	Street and number or post office box identifier	M	an..35
			To identify a street and number and/or Post Office box number.		
			121 PA CONSIGNEE NAD r Address of the party to which the goods are destined. This can be the full street name + number or the PO. Box + number.		
			Entity: Consignment Address Attribute: address		
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35

	3164	CITY NAME	C	1	an..35
		Name of a city.			
		121 PA CONSIGNEE NAD r			
		Name of the residence of the party to which the goods are destined.			
		Entity: Consignment Address			
		Attribute: city			
X	C819	COUNTRY SUB-ENTITY DETAILS	C	1	
		To specify a part of a country (eg county or part of a city).			
X	3229	Country sub-entity name code	C		an..9
X	1131	Code list identification code	C		an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X	3055	Code list responsible agency code	C		an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X	3228	Country sub-entity name	C		an..35
	3251	POSTAL IDENTIFICATION CODE	C	1	an..9
		Code specifying the postal zone or address.			
		121 PA CONSIGNEE NAD r			
		Postal area code related to the address of the party to which the goods are destined.			
		Entity: Consignment Address			
		Attribute: zipCode			
	3207	COUNTRY NAME CODE	C	1	an..2
		Identification of the name of the country or other geographical entity as specified in ISO 3166.			
		121 PA CONSIGNEE NAD r			
		Country where the residence is situated of the party to which the goods are destined.			
		Causes error C30 in APERAK when invalid.			
		Entity: Country (residence of Consignment Address)			
		Attribute: UNcode			

Group: **NAD** Segment Group 11: Name and Address - Notify party 1 - N1
Position: 0560
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.
Notes: Dependency is explained in the NAD segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0570	NAD	Name and Address - Notify party 1 - N1	M	1	
	0600		Segment Group 12: Contact Information	O		9

Segment: **NAD** Name and Address - Notify party 1 - N1
Position: 0570 (Trigger Segment)
Group: Segment Group 11 (Name and Address - Notify party 1 - N1) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:

Notes: Notify party 1 must always be included in case the B/L is "To order, e.g. when the party identifier of the consignee in element C082-3039 of the NAD (CN) segment is filled with "10600". Causes error 26 in APERAK when notify party 1 is not included and consignee party identifier = "10600".

Target entity of this segment is the first Consignment Address of the Consignment as determined in segment group 3 with roleCode = "NY".

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. Entity: Consignment Address Attribute: roleCode Message value: "N1" (Notify) PCS value stored: "NY" (Notify) N1 Notify party no. 1 The first party which is to be notified.	M 1 an..3
	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1
M	3039		Party identifier Code specifying the identity of a party. If EORI number is known, it should be included here. When notify party 1 is included: - If EORI number is specified, all name/address elements are optional. - If EORI number is not specified, the full address in elements C080 (name), C059 (address), 3164 (city), 3151 (postal code) and 3207 (country) is mandatory. Causes error 26 in APERAK when one or more of these name/address details are missing. Entity: Consignment Address Attribute: customsEoriNumber	M an..17
X	1131		Code list identification code	C an..17

			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
X	C058		Refer to D.00B Data Element Dictionary for acceptable code values. NAME AND ADDRESS	C	1
			Unstructured name and address: one to five lines.		
X		3124	Name and address description	M	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X	C080		PARTY NAME	C	1
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
M		3036	Party name	M	an..35
			Name of a party.		
			118 PA NOTIFY PARTY 1 NAD r Name of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent. B/L info message: May be completed with carrier agent or consignee.		
			Entity: Consignment Address Attribute: name		
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3045	Party name format code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
	C059		STREET	C	1
			Street address and/or PO Box number in a structured address: one to four lines.		
M		3042	Street and number or post office box identifier	M	an..35
			To identify a street and number and/or Post Office box number.		
			118 PA NOTIFY PARTY 1 NAD r Address of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent. B/L info message: May be completed with carrier agent or consignee. The address can be the full street name + number or the PO. Box +		

		number.		
		Entity: Consignment Address		
		Attribute: address		
X		3042 Street and number or post office box identifier	C	an..35
X		3042 Street and number or post office box identifier	C	an..35
X		3042 Street and number or post office box identifier	C	an..35
	3164	CITY NAME	C	1 an..35
		Name of a city.		
		118 PA NOTIFY PARTY 1 NAD r		
		Name of the residence of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent. B/L info message: May be completed with carrier agent or consignee.		
		Entity: Consignment Address		
		Attribute: city		
X	C819	COUNTRY SUB-ENTITY DETAILS	C	1
		To specify a part of a country (eg county or part of a city).		
X		3229 Country sub-entity name code	C	an..9
X		1131 Code list identification code	C	an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3228 Country sub-entity name	C	an..35
	3251	POSTAL IDENTIFICATION CODE	C	1 an..9
		Code specifying the postal zone or address.		
		118 PA NOTIFY PARTY 1 NAD r		
		Postal area code related to the address of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent. B/L info message: May be completed with carrier agent or consignee.		
		Entity: Consignment Address		
		Attribute: zipCode		
	3207	COUNTRY NAME CODE	C	1 an..2
		Identification of the name of the country or other geographical entity as specified in ISO 3166.		
		118 PA NOTIFY PARTY 1 NAD r		
		Country where the residence is situated of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent. B/L info message: May be completed with carrier agent or consignee. Causes error C30 in APERAK when invalid.		
		Entity: Country (residence of Consignment Address)		
		Attribute: UNcode		

Group: **CTA** Segment Group 12: Contact Information
Position: 0600
Group: Segment Group 11 (Name and Address - Notify party 1 - N1) Conditional
(Dependent)
Level: 2
Usage: Optional (Optional)
Max Use: 9
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0610	CTA	Contact Information	M	1	
M	0620	COM	Communication Contact	M	9	

Segment: **CTA Contact Information**
Position: 0610 (Trigger Segment)
Group: Segment Group 12 (Contact Information) Optional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department within a party.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary			
Data Element	Component Element	Name	Attributes Req/Repeat/Repr
3139		CONTACT FUNCTION CODE	C 1 an..3
		Code specifying the function of a contact (e.g. department or person). Refer to D.00B Data Element Dictionary for acceptable code values.	
C056		DEPARTMENT OR EMPLOYEE DETAILS	C 1
		Code and/or name of a department or employee. Code preferred.	
	3413	Department or employee name code	C an..17
		Code specifying the name of a department or employee.	
	3412	Department or employee name	C an..35
		Name of a department or employee.	

Segment: **COM** **Communication Contact**
Position: 0620
Group: Segment Group 12 (Contact Information) Optional (Optional)
Level: 3
Usage: Mandatory
Max Use: 9
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	3
M		3148	Communication address identifier To identify a communication address.	M	an..512
M		3155	Communication address code qualifier Code qualifying the communication address.	M	an..3
		EM	Electronic mail Exchange of mail by electronic means.		
		TE	Telephone Voice/data transmission by telephone.		

Group: **NAD** Segment Group 11: Name and Address - Connecting carrier - CH
Position: 0560
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.
Notes: Dependency is explained in the NAD segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0570	NAD	Name and Address - Connecting carrier - CH	M	1	

Segment: **NAD** Name and Address - Connecting carrier - CH
Position: 0570 (Trigger Segment)
Group: Segment Group 11 (Name and Address - Connecting carrier - CH) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Target entity of this segment is the Consignment Address of the Consignment as determined in segment group 3 with roleCode = "IC".

Data Element Summary

	Data Element	Component Element	Name	Attributes	
				Req/Repeat	Repr
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. Entity: Consignment Address Attribute: roleCode Message value: "CH"(Connecting Carrier) PCS value stored: "IC" (Connecting Carrier) CH Connecting carrier Owner or operator of a transportation conveyance to which goods in a given transaction will be transferred.	M	1 an..3
		C082	PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1
M		3039	Party identifier Code specifying the identity of a party. If EORI number is known, it should be included here. When connecting carrier is included: - If EORI number is specified, all name/address elements are optional. - If EORI number is not specified, the full address in elements C080 (name), C059 (address), 3164 (city), 3151 (postal code) and 3207 (country) is mandatory. Causes error 29 in APERAK when one or more of these name/address details are missing. Entity: Consignment Address Attribute: customsEoriNumber	M	an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3
X	C058		NAME AND ADDRESS	C	1

			Unstructured name and address: one to five lines.		
X		3124	Name and address description	M	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
	C080		PARTY NAME	C	1
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
M		3036	Party name	M	an..35
			Name of a party.		
			140,1 PA CARRIER INLAND NAD o (qualifier: CH) Name of the inland carrier which acts as contracting party (which has accepted the transport order). B/L info message: Used for party to pick up the goods at the terminal.		
			Entity: Consignment Address Attribute: name		
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3045	Party name format code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
	C059		STREET	C	1
			Street address and/or PO Box number in a structured address: one to four lines.		
M		3042	Street and number or post office box identifier	M	an..35
			To identify a street and number and/or Post Office box number.		
			140,1 PA CARRIER INLAND NAD o (qualifier: CH) Address of the inland carrier which acts as contracting party (which has accepted the transport order). B/L info message: Used for party to pick up the goods at the terminal. The address can be the full street name + number or the PO. Box + number.		
			Entity: Consignment Address Attribute: address		
X		3042	Street and number or post office box identifier	C	an..35

X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
	3164		CITY NAME	C	1 an..35
			Name of a city.		
			140,1 PA CARRIER INLAND NAD o (qualifier: CH) Name of the residence of the inland carrier which acts as contracting party (which has accepted the transport order). B/L info message: Used for party to pick up the goods at the terminal.		
			Entity: Consignment Address Attribute: city		
X	C819		COUNTRY SUB-ENTITY DETAILS	C	1
			To specify a part of a country (eg county or part of a city).		
X		3229	Country sub-entity name code	C	an..9
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3228	Country sub-entity name	C	an..35
	3251		POSTAL IDENTIFICATION CODE	C	1 an..9
			Code specifying the postal zone or address.		
			140,1 PA CARRIER INLAND NAD o (qualifier: CH) Postal area code related to the address of the inland carrier which acts as contracting party (which has accepted the transport order). B/L info message: Used for party to pick up the goods at the terminal.		
			Entity: Consignment Address Attribute: zipCode		
	3207		COUNTRY NAME CODE	C	1 an..2
			Identification of the name of the country or other geographical entity as specified in ISO 3166.		
			140,1 PA CARRIER INLAND NAD o (qualifier: CH) Country where the residence is situated of the inland carrier which acts as contracting party (which has accepted the transport order). B/L info message: Used for party to pick up the goods at the terminal. Causes error C30 in APERAK when invalid.		
			Entity: Country (residence of Consignment Address) Attribute: UNcode		

Group: **NAD** Segment Group 11: Name and Address - Notify party 2 - N2
Position: 0560
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.
Notes: Dependency is explained in the NAD segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0570	NAD	Name and Address - Notify party 2 - N2	M	1	
	0600		Segment Group 12: Contact Information	M		9

Segment: **NAD** Name and Address - Notify party 2 - N2
Position: 0570 (Trigger Segment)
Group: Segment Group 11 (Name and Address - Notify party 2 - N2) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Target entity of this segment is the second Consignment Address of the Consignment as determined in segment group 3 with roleCode = "NY"

Data Element Summary

	Data Element	Component Element	Name	Attributes		
				Req/Repeat	Repr	
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. Entity: Consignment Address Attribute: roleCode Message value: "N2"(Notify party) PCS value stored: "NY" (Notify party) N2 Notify party no. 2 The second party which is to be notified.	M	1	an..3
	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1	
M		3039	Party identifier Code specifying the identity of a party. If EORI number is known, it should be included here. When notify party 2 is included: - If EORI number is specified, all name/address elements are optional. - If EORI number is not specified, the full address in elements C080 (name), C059 (address), 3164 (city), 3151 (postal code) and 3207 (country) is mandatory. Causes error 28 in APERAK when one or more of these name/address details are missing. Entity: Consignment Address Attribute: customsEoriNumber	M		an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..3
X	C058		NAME AND ADDRESS	C	1	

			Unstructured name and address: one to five lines.		
X		3124	Name and address description Free form description of a name and address line.	M	an..35
X		3124	Name and address description Free form description of a name and address line.	C	an..35
X		3124	Name and address description Free form description of a name and address line.	C	an..35
X		3124	Name and address description Free form description of a name and address line.	C	an..35
X		3124	Name and address description Free form description of a name and address line.	C	an..35
	C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	1
M		3036	Party name Name of a party.	M	an..35
			119 PA NOTIFY PARTY 2 NAD o Name of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent.		
			Entity: Consignment Address Attribute: name		
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3045	Party name format code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3
	C059		STREET Street address and/or PO Box number in a structured address: one to four lines.	C	1
M		3042	Street and number or post office box identifier To identify a street and number and/or Post Office box number.	M	an..35
			119 PA NOTIFY PARTY 2 NAD o Address of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent. This can be the full street name + number or the PO. Box + number.		
			Entity: Consignment Address Attribute: address		
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
	3164		CITY NAME	C	1 an..35

		Name of a city.		
		119 PA NOTIFY PARTY 2 NAD o		
		Name of the residence of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent.		
		Entity: Consignment Address		
		Attribute: city		
X	C819	COUNTRY SUB-ENTITY DETAILS	C	1
		To specify a part of a country (eg county or part of a city).		
X	3229	Country sub-entity name code	C	an..9
X	1131	Code list identification code	C	an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X	3055	Code list responsible agency code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X	3228	Country sub-entity name	C	an..35
	3251	POSTAL IDENTIFICATION CODE	C	1 an..9
		Code specifying the postal zone or address.		
		119 PA NOTIFY PARTY 2 NAD o		
		Postal area code related to the address of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent.		
		Entity: Consignment Address		
		Attribute: zipCode		
	3207	COUNTRY NAME CODE	C	1 an..2
		Identification of the name of the country or other geographical entity as specified in ISO 3166.		
		119 PA NOTIFY PARTY 2 NAD o		
		Country where the residence is situated of the organisation to which a confirmation of the (impending) arrival of the goods is to be sent.		
		Causes error C30 in APERAK when invalid.		
		Entity: Country (residence of Consignment Address)		
		Attribute: UNcode		

Group: **CTA** Segment Group 12: Contact Information
Position: 0600
Group: Segment Group 11 (Name and Address - Notify party 2 - N2) Conditional
(Dependent)
Level: 2
Usage: Mandatory
Max Use: 9
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0610	CTA	Contact Information	M	1	
M	0620	COM	Communication Contact	M	9	

Segment: **CTA Contact Information**
Position: 0610 (Trigger Segment)
Group: Segment Group 12 (Contact Information) Mandatory
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department within a party.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary			
Data Element	Component Element	Name	Attributes Req/Repeat/Repr
3139		CONTACT FUNCTION CODE	C 1 an..3
		Code specifying the function of a contact (e.g. department or person). Refer to D.00B Data Element Dictionary for acceptable code values.	
C056		DEPARTMENT OR EMPLOYEE DETAILS	C 1
		Code and/or name of a department or employee. Code preferred.	
	3413	Department or employee name code	C an..17
		Code specifying the name of a department or employee.	
	3412	Department or employee name	C an..35
		Name of a department or employee.	

Segment: **COM** **Communication Contact**
Position: 0620
Group: Segment Group 12 (Contact Information) Mandatory
Level: 3
Usage: Mandatory
Max Use: 9
Purpose: A segment to identify a communication number of a person or department to whom communication should be directed.

Dependency Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	3
M		3148	Communication address identifier To identify a communication address.	M	an..512
M		3155	Communication address code qualifier Code qualifying the communication address.	M	an..3
		EM	Electronic mail Exchange of mail by electronic means.		
		TE	Telephone Voice/data transmission by telephone.		

Group: **NAD** Segment Group 11: Name and Address - Warehouse keeper - WH
Position: 0560
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments to identify a party, related references, locations contacts, required documents, and charges to be paid by the party.
Notes: Dependency is explained in the NAD segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0570	NAD	Name and Address - Warehouse keeper - WH	M	1	

Segment: **NAD** Name and Address - Warehouse keeper - WH
Position: 0570 (Trigger Segment)
Group: Segment Group 11 (Name and Address - Warehouse keeper - WH) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify the party's name, address, and function.
Dependency Notes:
Semantic Notes:
Comments:
Notes: The occurrence of the SG11 segment group is mandatory when a warehouseLicenceID is reported in an SG3/RFF[ANJ] segment.
 Target entity of this segment is the MC Consignment Planning of the Consignment indicated in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. WH Warehouse keeper (3022) Party taking responsibility for goods entered into a warehouse.	M 1 an..3
>>	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C 1
M		3039	Party identifier Code specifying the identity of a party. The customs authority id of the keeper of the warehouse where the goods will be stored. Causes error 508 in APERAK when missing. Entity: MC Consignment Planning Attribute: warehouseCustomsAuthorityId	M an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..3
X	C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C 1
X		3124	Name and address description Free form description of a name and address line.	M an..35
X		3124	Name and address description	C an..35

			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X		3124	Name and address description	C	an..35
			Free form description of a name and address line.		
X	C080		PARTY NAME	C	1
			Identification of a transaction party by name, one to five lines. Party name may be formatted.		
X		3036	Party name	M	an..35
			Name of a party.		
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3036	Party name	C	an..35
X		3045	Party name format code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C059		STREET	C	1
			Street address and/or PO Box number in a structured address: one to four lines.		
X		3042	Street and number or post office box identifier	M	an..35
			To identify a street and number and/or Post Office box number.		
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
X		3042	Street and number or post office box identifier	C	an..35
X	3164		CITY NAME	C	1 an..35
X	C819		COUNTRY SUB-ENTITY DETAILS	C	1
			To specify a part of a country (eg county or part of a city).		
X		3229	Country sub-entity name code	C	an..9
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3228	Country sub-entity name	C	an..35
X	3251		POSTAL IDENTIFICATION CODE	C	1 an..17
X	3207		COUNTRY NAME CODE	C	1 an..3

Group: **GID** Segment Group 18: Goods Item Details
Position: 0890
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 999
Purpose: A group of segments to describe the goods items for which transport is undertaken.
Notes: This segment group holds the information for all the goods items in the consignment (Bill of Lading).

Dependency of the group is explained in the GID segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0900	GID	Goods Item Details	M	1	
	0920	TMP	Temperature - Transport temperature - 2	C	1	
	0930	RNG	Range Details - Transport temperature - 12	C	1	
	0950	LOC	Location Identification - Stowage position - 147	C	9	
M	0970	PIA	Additional Product Id - Commodity code - 5	M	1	
Must Use	0980	FTX	Free Text - Goods description - AAA	C	1	
	1040		Segment Group 20: Measurements	C		1
	1130		Segment Group 23: Package Identification	C		15
	1260		Segment Group 27: Split Goods Placement	C		999
	1410		Segment Group 30: Dangerous Goods	C		1
	1545		Segment Group 35: Reference	C		99

Segment: **GID Goods Item Details**
Position: 0900 (Trigger Segment)
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a goods item for which transport is undertaken. A goods item can be identified by up to three levels of packaging.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity are the Goods Items of the Consignment as determined in segment group 3.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
				<u>Req/Repeat/Repr</u>
>>	1496		GOODS ITEM NUMBER	C 1 n..4
			To specify a goods item within a consignment.	
			72 GO SEQUENTIAL GOODS NUMBER r	
			Sequence number that identifies a good item uniquely within a consignment. This number is used in all messages referring to this good item.	
			Causes error 250 in APERAK when duplicate found.	
			Entity: Goods Item	
			Attribute: itemNumber	
>>	C213		NUMBER AND TYPE OF PACKAGES - OUTER PACKAGES	C 1
			Number and type of individual parts of a shipment.	
>>		7224	Package quantity	C n..5
			To specify the number of packages.	
			68 GO NUMBER OF PACKAGES r	
			The number of packages of a certain type of package as self-contained units (outer packages) as to be stated in the transport document/contract.	
			Bulk is identified by package types that start with "V" and will have numberOfOuterColli = 1	
			Causes error 251 in APERAK when not available.	
			Entity: Goods Item	
			Attribute: numberOfOuterColli	
			Bulk cargo is identified at Goods Item level. Theoretically bulk Goods Items and containerised Goods Items could be combined in an iftmcs	

message. In practice this will never happen. However, if bulk and containerised items are combined in one iftmcs the message is invalid.

>>		7065	Package type description code	C	an..17
			Code specifying the type of package.		
			70 GO PACKAGE TYPE CODE r		
			Code for the kind of packaging to which GO NUMBER OF PACKAGES is referring.		
			Code list: UN Recommendation No 21, Annex V, 2-alpha code		
			"Outer" package type of a goods item.		
			Value "CN" (Container) allowed for empty containers.		
			Causes error 228 in APERAK when invalid or unavailable.		
			Entity: Goods Item		
			Attribute: FK Package Type		
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		7064	Type of packages	C	an..35
X		7233	Packaging related description code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C213		NUMBER AND TYPE OF PACKAGES	C	1
			Number and type of individual parts of a shipment.		
X		7224	Package quantity	C	n..8
			To specify the number of packages.		
X		7065	Package type description code	C	an..17
			Code specifying the type of package.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		7064	Type of packages	C	an..35
			Description of the form in which goods are presented.		
X		7233	Packaging related description code	C	an..3
			Code specifying information related to packaging.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
D	C213		NUMBER AND TYPE OF PACKAGES - INNER PACKAGES	C	1
			Number and type of individual parts of a shipment.		

		Element NOT filled for bulk cargo or empty containers, else Optional.		
>>	7224	Package quantity To specify the number of packages. 68,2 GO NUMBER OF PACKAGES 3 o The number of packages of a certain type of packages as non-self-contained units (inner packages) within GO NUMBER OF PACKAGES. It is the (most) inner packaging within outer or within any intermediate packaging. B/L info message: Needs to be completed in case the customs required level of packages is the (most) inner package level and different from outer package level. Entity: Goods Item Attribute: numberOfInnerColli	C	n..8
>>	7065	Package type description code Code specifying the type of package. 70,2 GO PACKAGE TYPE CODE 3 o Code for the kind of packaging to which GO NUMBER OF PACKAGES 3 is referring. Code list: UN Recommendation No 21, Annex V, 2-alpha code Causes error 228 in APERAK when invalid or unavailable. Entity: Goods Item Attribute: FK Package Type	C	an..17
X	1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X	3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3
X	7064	Type of packages	C	an..35
X	7233	Packaging related description code	C	an..3
	1	Product ingredients not marked on package The ingredients of the product are not marked on the packaging of the product.		
	2	Product price not marked on packaging The product price is not marked on the packaging of the product.		
	3	Product best before date not marked on product package The product best before date is not marked on the packaging of the product.		
	4	Package not marked recyclable Package is not marked as recyclable.		
	31	Package best before date marked Package is marked with the product best before date.		

32	Package marked recyclable The package is marked recyclable.
33	Package marked returnable The package is marked returnable.
34	Product marking
35	Type of package
36	Package specifications
37	Package protection
38	Tarping Description to be provided.
39	Platform/skid location Description to be provided.
40	Bearing piece location Description to be provided.
41	Skid/pallet type Description to be provided.
42	Placement on carrier Description to be provided.
43	Spacing directions Descriptions to be provided.
44	Unloading device Description to be provided.
45	Unloading equipment
50	Package barcoded EAN-13 or EAN-8 The package is barcoded with EAN-13 or EAN-8 code.
51	Package barcoded ITF-14 or ITF-6 The package is barcoded with ITF-14 or ITF-6 code.
52	Package barcoded UCC or EAN-128 The package is barcoded with UCC or EAN-128 code.
53	Package price marked The package is marked with the price.
54	Product ingredients marked on package The ingredients of the product contained in a package are marked on that package.
55	Core characteristics Specifies the characteristics of the core of the package.
56	Shipping requirement The packaging as per shipping requirement.
58	Transport contract requirement

			The packaging as per transport contract requirement.		
		59	Preservation method		
			The packaging related information is for methods of preservation.		
		60	Product marking pattern		
		61	Product marking location		
		62	Package/container mark location		
		63	Marking method		
		66	Receiving facility limitations		
			Description to be provided.		
		67	Tagging/bar code instructions		
			Description to be provided.		
		68	Shipping package labelling		
			The labelling of a package in which goods are shipped.		
		69	Shipping package sealing		
			The sealing particulars of a package in which goods are shipped.		
		70	Optional packaging procedure		
			To indicate an optional procedure for packaging.		
		71	Cleaning or drying specification		
			Identification of the cleaning or drying specification.		
		72	Cushioning thickness specification		
			Identification of the cushioning thickness specification.		
		73	Cushioning and dunnage specification		
			Identification of the cushioning and dunnage specification.		
		74	Level of preservation specification		
			Identification of the level of preservation specification.		
		75	Preservation material specification		
			Identification of the preservation material specification.		
		76	Unit container specification		
			Identification of the unit container specification.		
		77	Material wrapping specification		
			Identification of the material wrapping specification.		
X	C213		NUMBER AND TYPE OF PACKAGES	C	1
			Number and type of individual parts of a shipment.		
X		7224	Package quantity	C	n..8
			To specify the number of packages.		
X		7065	Package type description code	C	an..17
			Code specifying the type of package.		
X		1131	Code list identification code	C	an..17

		Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		7064 Type of packages	C	an..35
		Description of the form in which goods are presented.		
X		7233 Packaging related description code	C	an..3
		Code specifying information related to packaging. Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C213	NUMBER AND TYPE OF PACKAGES	C	1
		Number and type of individual parts of a shipment.		
X		7224 Package quantity	C	n..8
		To specify the number of packages.		
X		7065 Package type description code	C	an..17
		Code specifying the type of package.		
X		1131 Code list identification code	C	an..17
		Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		7064 Type of packages	C	an..35
		Description of the form in which goods are presented.		
X		7233 Packaging related description code	C	an..3
		Code specifying information related to packaging. Refer to D.00B Data Element Dictionary for acceptable code values.		

Segment: **TMP** Temperature - Transport temperature - 2
Position: 0920
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a temperature setting for a goods item.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity for this segment is the Goods Item as determined in segment group 18.

This temperature setting is also used to determine that each container mentioned in the SGP segment (SG27) is a "reefer".

NB: the BDM does not have a separate attribute to indicate Reefer, the DIM has this to prevent calculation in several screens.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	6245		TEMPERATURE TYPE CODE QUALIFIER Code qualifying the type of a temperature. 2 Transport temperature The temperature at which cargo is to be kept while it is under transport.	M 1 an1
>>	C239		TEMPERATURE SETTING The temperature under which the goods are (to be) stored or shipped.	C 1
>>		6246	Temperature value To specify the value of a temperature. 171,1 TM GOODS TEMPERATURE TRANSPORT o The value of the temperature at which the goods are (to be) transported. Format: Maximal 1 decimal allowed e.g. -1234,5 or -1234. Entity: Goods Item MC Equipment Planning Attribute: temperatureSetting	C n..5
>>		6411	Measurement unit code Code specifying the unit of measurement. 171 TM TEMPERATURE UNIT d Unit, coded, in which the temperature is expressed (agreed units are Celsius or Fahrenheit). Condition: To be completed in case related temperature is completed. Causes error 258 in APERAK when not available or incorrect. Entity: Goods Item	C an..3

MC Equipment Planning

Attribute: temperatureUnit

CEL	Celsius
FAH	Fahrenheit

Segment: **RNG** Range Details - Transport temperature - 12
Position: 0930
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a temperature range setting for a goods item.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity for this segment is the Goods Item as determined in segment group 18.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat/Repr</u>		
M	6167		RANGE TYPE CODE QUALIFIER Code qualifying a type of range. 12 Transport temperature range The temperature range at which cargo is to be kept while it is under transport.	M	1	an..3
>>	C280		RANGE Range minimum and maximum limits.	C	1	
M		6411	Measurement unit code Code specifying the unit of measurement. 171 TM TEMPERATURE UNIT d Unit, coded, in which the temperature is expressed (agreed units are Celsius or Fahrenheit). Condition: To be completed in case related temperature is completed. Causes error 258 in APERAK when not available or incorrect. Entity: Goods Item Attribute: temperatureUnit When the previous segment (TMP) already filled the temperatureUnit and it differs from the unit in this segment (RNG), then the Range values in element 6162 and 6152 should be adapted (recalculated) to the temperatureUnit of the TMP segment. CEL Celsius FAH Fahrenheit	M		an..3
>>		6162	Range minimum value To specify the minimum value of a range. 171,2 TM GOODS TEMPERATURE TRANSPORT RANGE MINIMUM o The temperature range values between which the goods are (to be) transported.	C		n..5

Format: Maximal 1 decimal allowed e.g. -1234,5 or -1234.

Entity: Goods Item

Attribute: minTemperature

>>

6152 Range maximum value C n..5

To specify the maximum value of a range.

171,2 TM GOODS TEMPERATURE TRANSPORT RANGE
MAXIMUM o

The temperature range values between which the goods are (to be) transported.

Format: Maximal 1 decimal allowed e.g. -1234,5 or -1234.

Entity: Goods Item

Attribute: maxTemperature

Segment: **LOC** Location Identification - Stowage position - 147
Position: 0950
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment to specify a country associated with a goods item, such as country of origin, or country of destination.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment indicates the location(s) on a vessel where the goods item is stowed (bulk only).

Target entity for this segment are the bulk (i.e. not contained in a MC Equipment Planning) MC Planned Stuffed Items of the Goods Item as determined in segment group 18.

NB: This segment cannot be used to determine the stowage location of a container.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>		
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>		
M	3227		LOCATION FUNCTION CODE QUALIFIER	M	1	an..3
			Code identifying the function of a location.			
		147	Stowage cell			
			Location on a vessel where units can be stowed.			
>>	C517		LOCATION IDENTIFICATION	C	1	
			Identification of a location by code or name.			
>>		3225	Location name code	C		an..10
			Code specifying the name of the location.			
		64,2	GO GOODS STOWAGE POSITION MT o			
			Position where the goods are stowed in the means of transport used for the main transport of the goods, e.g. tank number.			
			Entity: MC Planned Stuffed Item			
			Attribute: stowageLocation			
X		1131	Code list identification code	C		an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055	Code list responsible agency code	C		an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3224	Location name	C		an..256
X	C519		RELATED LOCATION ONE IDENTIFICATION	C	1	
			Identification the first related location by code or name.			
X		3223	First related location name code	C		an..25
			Code specifying first related location.			

X		1131 Code list identification code	C	an..17
		Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3222 First related location name	C	an..70
		Name of first related location.		
X	C553	RELATED LOCATION TWO IDENTIFICATION	C	1
		Identification of second related location by code or name.		
X		3233 Second related location name code	C	an..25
X		1131 Code list identification code	C	an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055 Code list responsible agency code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3232 Second related location name	C	an..70
X	5479	RELATION CODE	C	1 an..3

Segment: **PIA Additional Product Id - Commodity code - 5**
Position: 0970
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify article numbers.
Dependency Notes:
Semantic Notes:
Comments:

Notes: A segment to specify the goods commodity qualification. This information is required in case of agricultural goods that are subject to veterinary inspection.

Target entity is the Goods Item as determined in segment group 18.

NB. Consignment commodity could be an alternative but for now this is the choice because there's only one PIA segment.

Data Element Summary

	Data	Component	Attributes		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	4347		PRODUCT IDENTIFIER CODE QUALIFIER	M	1 an..3
			Code qualifying the product identifier.		
		5	Product identification		
M	C212		ITEM NUMBER IDENTIFICATION	M	1
			Goods identification for a specified source.		
M		7140	Item identifier	M	n..8
			To identify an item.		
		160	RF REFERENCE COMMODITY CODE HS		o
			Code for the goods commodity according to the classification of the Harmonised System. B/L info message: Attribute should be present in case of agricultural goods that are subject to veterinary inspection. Code list: TARIC code table; available from: http://europa.eu.int/comm/taxation_customs/dds/en/tarhome.htm		
			Format: min.6, max.8 positions.		
			Causes error 255 in APERAK when invalid		
			Entity: Goods Item		
			Attribute: FK for Commodity Code		
			VIPMVL-1445, aangepaste validatie:		
			1		
			Valideer of de compleet ingegeven code voorkomt in de Commodity Type		

tabel
 INDIEN JA: leg relatie tussen Goods Item en Commodity Code
 INDIEN NEE: stap 2
 2
 Valideer of de eerste 4 posities van de ingegeven code voorkomt in de Commodity Tabel,
 INDIEN JA: leg dan de relatie tussen Goods Item en Commodity Code voor deze gevonden 4-cijferige code
 INDIEN NEE: keur het bericht af middels Error 255

M		7143	Item type identification code	M	an..3
			Coded identification of an item type.		
			No processing.		
			HS Harmonised system		
X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C212		ITEM NUMBER IDENTIFICATION	C	1
			Goods identification for a specified source.		
X		7140	Item identifier	C	n..35
			To identify an item.		
X		7143	Item type identification code	C	an..3
			Coded identification of an item type.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C212		ITEM NUMBER IDENTIFICATION	C	1
			Goods identification for a specified source.		
X		7140	Item identifier	C	n..35
			To identify an item.		
X		7143	Item type identification code	C	an..3
			Coded identification of an item type.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		

			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C212		ITEM NUMBER IDENTIFICATION	C	1
			Goods identification for a specified source.		
X		7140	Item identifier	C	n..35
			To identify an item.		
X		7143	Item type identification code	C	an..3
			Coded identification of an item type.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C212		ITEM NUMBER IDENTIFICATION	C	1
			Goods identification for a specified source.		
X		7140	Item identifier	C	n..35
			To identify an item.		
X		7143	Item type identification code	C	an..3
			Coded identification of an item type.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		

Segment: **FTX** Free Text - Goods description - AAA
Position: 0980
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment to specify processable supplementary information relating to the goods item.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the Goods Item as determined in segment group 18.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat</u>	<u>Repr</u>	
M	4451		TEXT SUBJECT CODE QUALIFIER Code qualifying the subject of the text. AAA Goods description [7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term).	M	1	an..3
X	4453		FREE TEXT FUNCTION CODE Refer to D.00B Data Element Dictionary for acceptable code values.	C	1	an..3
X	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	1	
X		4441	Free text value code Code specifying free form text.	M		an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..3
>>	C108		TEXT LITERAL Free text; one to five lines.	C	1	
M		4440	Free text value Free form text. 67 GO GOODS DESCRIPTION TEXT r Description of the goods to be transported, in clear text. B/L info message: Note that customs will only process up to 256 characters. Causes error 252 in APERAK when not available. Entity: Goods Item	M		an..512

Attribute: goodsDescription

X		4440	Free text value	C		an..512
X		4440	Free text value	C		an..512
X		4440	Free text value	C		an..512
X		4440	Free text value	C		an..512
X	3453		LANGUAGE NAME CODE	C	1	an..3
X	4447		FREE TEXT FORMAT CODE	C	1	an..3

Refer to D.00B Data Element Dictionary for acceptable code values.

Group: **MEA** Segment Group 20: Measurements
Position: 1040
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments to specify measurements applicable to a goods item.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1050	MEA	Measurements - Gross weight - G	M	1	

Segment: **MEA** Measurements - Gross weight - G
Position: 1050 (Trigger Segment)
Group: Segment Group 20 (Measurements) Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify measurements, other than dimensions, applicable to a goods item.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the Goods Item as determined in segment group 18.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat/Repr</u>		
M	6311		MEASUREMENT PURPOSE CODE QUALIFIER Code qualifying the purpose of the measurement. AAE Measurement [6314] Value of the measured unit.	M	1	an..3
>>	C502		MEASUREMENT DETAILS Identification of measurement type.	C	1	
>>		6313	Measured attribute code Code specifying the attribute measured. G Gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	C		an..3
X		6321	Measurement significance code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..3
X		6155	Non-discrete measurement name code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..17
X		6154	Non-discrete measurement name	C		an..70
>>	C174		VALUE/RANGE Measurement value and relevant minimum and maximum values of the measurement range.	C	1	
M		6411	Measurement unit code Code specifying the unit of measurement. Causes error 253 in APERAK when not available or incorrect. Entity: Goods Item Attribute: weightUnit KGM Kilogram	M		an..3
>>		6314	Measurement value	C		n..11

To specify the value of a measurement.

65 GO GOODS WEIGHT GROSS r

The gross weight of the goods, including packaging and other material.

Three decimals after the comma are allowed; the unit is kilogram.

Value "0" allowed for empty containers.

Causes error 253 in APERAK when not available.

Entity: Goods Item

Attribute: grossWeight

Store "1" when gross weight < 1.

X		6162	Range minimum value	C	n..18
X		6152	Range maximum value	C	n..18
X		6432	Significant digits quantity	C	n..2
X	7383		SURFACE OR LAYER CODE	C	1 an..3

Refer to D.00B Data Element Dictionary for acceptable code values.

Group: **PCI** Segment Group 23: Package Identification
Position: 1130
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 15
Purpose: A group of segments to specify marks and numbers of a goods item.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1140	PCI	Package Identification - Marks and labels	M	1	

Segment: **PCI** **Package Identification - Marks and labels**
Position: 1140 (Trigger Segment)
Group: Segment Group 23 (Package Identification) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify marks and numbers of a good item.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the Marks And Numbers Line entity . One occurrence should be created for each sub element of C210 that has a non-blank value.
The Marks And Numbers Line.sequenceNumber is filled in accordance with the sequence of the data sub elements in the message.

Data Element Summary

	Data Element	Component Element	Name	Attributes
				Req/Repeat/Repr
X	4233		MARKING INSTRUCTIONS CODE Refer to D.00B Data Element Dictionary for acceptable code values.	C 1 an..3
>>	C210		MARKS & LABELS Shipping marks on packages in free text; one to ten lines.	C 1
M		7102	Shipping marks description - 1 Free form description of the shipping marks. 66,5 GO GOODS SHIPPING MARKS AND NUMBERS o Marks and numbers as they appear on the individual packages of the goods item to be transported. Entity: marksAndNumbersLine Attribute: lineText	M an..35
		7102	Shipping marks description - 2 Free form description of the shipping marks. Entity: marksAndNumbersLine Attribute: lineText	C an..35
		7102	Shipping marks description - 3 Free form description of the shipping marks. Entity: marksAndNumbersLine Attribute: lineText	C an..35
		7102	Shipping marks description - 4 Free form description of the shipping marks. Entity: marksAndNumbersLine Attribute: lineText	C an..35
		7102	Shipping marks description - 5 Free form description of the shipping marks. Entity: marksAndNumbersLine	C an..35

			Attribute: lineText		
	7102		Shipping marks description - 6	C	an..35
			Free form description of the shipping marks.		
			Entity: marksAndNumbersLine		
			Attribute: lineText		
	7102		Shipping marks description - 7	C	an..35
			Free form description of the shipping marks.		
			Entity: marksAndNumbersLine		
			Attribute: lineText		
	7102		Shipping marks description - 8	C	an..35
			Free form description of the shipping marks.		
			Entity: marksAndNumbersLine		
			Attribute: lineText		
	7102		Shipping marks description - 9	C	an..35
			Free form description of the shipping marks.		
			Entity: marksAndNumbersLine		
			Attribute: lineText		
	7102		Shipping marks description - 10	C	an..35
			Free form description of the shipping marks.		
			Entity: marksAndNumbersLine		
			Attribute: lineText		
X	8275		CONTAINER OR PACKAGE CONTENTS INDICATOR CODE	C	1 an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C827		TYPE OF MARKING	C	1
			Specification of the type of marking that reflects the method that was used and the conventions adhered to for marking (e.g. of packages).		
X		7511	Marking type code	M	an..3
			Code specifying the type of marking.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		1131	Code list identification code	C	an..17
			Code identifying a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.00B Data Element Dictionary for acceptable code values.		

Group: **SGP** Segment Group 27: Split Goods Placement
Position: 1260
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 999
Purpose: A group of segments to specify the distribution of a goods item among the transport equipment.
Notes: In case segment EQD (Group 36) is present, this Group (27) is mandatory.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1270	SGP	Split Goods Placement	M	1	
	1290		Segment Group 28: Measurements	C		1

Segment: **SGP** Split Goods Placement

Position: 1270 (Trigger Segment)

Group: Segment Group 27 (Split Goods Placement) Conditional (Optional)

Level: 2

Usage: Mandatory

Max Use: 1

Purpose: A segment to identify the equipment in which goods are transported.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment is to indicate how much of this goods item is in which equipment.

Target entities for this segment are the containerised (i.e. contained in a MC Equipment Planning) MC Planned Stuffed Items of the Goods Item as determined in segment group 18, and the containing MC Equipment Planning as determined in segment group 35.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat/Repr</u>	
M	C237		EQUIPMENT IDENTIFICATION Marks (letters/numbers) identifying equipment.	M	1
>>		8260	Equipment identifier To identify equipment. Transport equipment identification (e.g. container number, chassis, trailer id) In case of container number: Unique identification of the container, consisting of prefix + number. The prefix is a 4 alpha code indicating the owner of the container; the serial number consists in general of 7 digits, of which the final digit serves as a control digit. In the field prefix and number are completed without spaces (a so called contiguous field). Entity: MC Planned Stuffed Item Attribute: FK for MC Equipment Planning	C	an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3
X		3207	Country name code	C	an..3
	7224		PACKAGE QUANTITY To specify the number of packages. 69 GO NUMBER OF PACKAGES IN CONTAINER o The number of packages of the self-contained units (outer packages) in the container to which reference is made by the container prefix and number and/or by the container sequence number.	C	1 n..5

Entity: MC Planned Stuffed Item

Attribute: numberOfColli

It's not required that the total of all containers matches the nbr of outer (or inner) packages mentioned in the GID segment.

When this data element isn't used the database value is (remains) "0".

Group: **MEA** Segment Group 28: Measurements
Position: 1290
Group: Segment Group 27 (Split Goods Placement) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to identify measurements.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1300	MEA	Measurements - Item gross weight - AAE	M	1	

Segment: **MEA** Measurements - Item gross weight - AAE
Position: 1300 (Trigger Segment)
Group: Segment Group 28 (Measurements) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify measurements of that portion of the goods item in the equipment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment is to hold the item gross weight of the goods in this container.

Target entity is the MC Planned Stuffed Item as determined in segment group 27.

Data Element Summary

	<u>Data Element</u>	<u>Component Element Name</u>		<u>Attributes</u>		
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>		
M	6311		MEASUREMENT PURPOSE CODE QUALIFIER	M	1	an..3
			Code qualifying the purpose of the measurement.			
		WT	Weights			
>>	C502		MEASUREMENT DETAILS	C	1	
			Identification of measurement type.			
>>		6313	Measured attribute code	C		an..3
			Code specifying the attribute measured.			
		AAE	Item gross weight			
			Gross weight at line item level.			
X		6321	Measurement significance code	C		an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		6155	Non-discrete measurement name code	C		an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		6154	Non-discrete measurement name	C		an..70
>>	C174		VALUE/RANGE	C	1	
			Measurement value and relevant minimum and maximum values of the measurement range.			
M		6411	Measurement unit code	M		an..3
			Code specifying the unit of measurement.			
			Causes error B83 in APERAK when not available or incorrect.			
		KGM	Kilogram			
>>		6314	Measurement value	C		n..13
			To specify the value of a measurement.			
			Must be > 0			
			Format: 3 decimals after the comma.			

Causes error B83 in APERAK when not available or incorrect.

Entity: MC Planned Stuffed Item

Attribute: grossWeight

X		6162	Range minimum value	C	n..18
X		6152	Range maximum value	C	n..18
X		6432	Significant digits quantity	C	n..2
X	7383		SURFACE OR LAYER CODE	C	1 an..3

Refer to D.00B Data Element Dictionary for acceptable code values.

Group: **DGS** Segment Group 30: Dangerous Goods
Position: 1410
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to specify dangerous goods details related to the goods item.
 One goods item may be in different dangerous goods classes.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1420	DGS	Dangerous Goods	M	1	
	1430	FTX	Free Text - Additional DG information - AAD	C	1	

Segment: **DGS** Dangerous Goods
Position: 1420 (Trigger Segment)
Group: Segment Group 30 (Dangerous Goods) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to indicate the class of dangerous goods, packing group, etc.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Target entity for this segment is the Dangerous Goods Specification of the Goods Item as determined in segment group 18.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
				<u>Req/Repeat/Repr</u>
>>	8273		DANGEROUS GOODS REGULATIONS CODE	C 1 an..3
			Code specifying a dangerous goods regulation.	
			78 GS DANGEROUS GOODS REGULATION d Identification of the dangerous goods regulation being used in the relevant transport modality; see referring code list (Hazard code list). Condition: To be completed in case of dangerous goods.	
			Causes error 221 in APERAK when IMDG class invalid.	
			IMD IMO IMDG code Regulations regarding the transportation of dangerous goods on ocean-going vessels issued by the International Maritime Organization.	
>>	C205		HAZARD CODE	C 1
			The identification of the dangerous goods in code.	
M		8351	Hazard identification code	M an..7
			Code identifying a hazard.	
			76 GS DANGEROUS GOODS CODE d The code of the dangerous goods in accordance with the dangerous goods regulation of the relevant transport modality. Condition: To be completed in case of dangerous goods.	
			Entity: Dangerous Goods Specification Attribute: classOrDivision	
X		8078	Additional hazard classification identifier	C an..7
X		8092	Hazard code version identifier	C an..10
>>	C234		UNDG INFORMATION	C 1
			Information on dangerous goods, taken from the United Nations Dangerous Goods classification.	
>>		7124	United Nations Dangerous Goods (UNDG) identifier	C n4

The unique serial number assigned within the United Nations to substances and articles contained in a list of the dangerous goods most commonly carried.

79 GS DANGEROUS GOODS UN NUMBER d

The (unique) UN number of the dangerous goods.
condition: To be completed in case of dangerous goods.

Causes error 227 in APERAK when not available or invalid
Causes error 222 in APERAK when not available or invalid

Entity: Dangerous Goods Specification
Attribute: unCode

X 7088 **Dangerous goods flashpoint value** C an..8

C223 **DANGEROUS GOODS SHIPMENT FLASHPOINT** C 1

Temperature at which a vapor can be ignited as per ISO 1523/73.

>> 7106 **Shipment flashpoint value** C n3

To specify the value of the flashpoint of a shipment.

80 GS DANGEROUS GOODS FLASHPOINT o

The flashpoint of the dangerous goods. Maximum 1 digit behind the comma is allowed.

Entity: Dangerous Goods Specification
Attribute: flashpoint

NB: can be negative value!

>> 6411 **Measurement unit code** C an..3

Code specifying the unit of measurement.

81 GS DANGEROUS GOODS FLASHPOINT UNIT d

Unit, coded, of the stated flashpoint temperature in Celsius of Fahrenheit (see UN/ECE Recommendation No. 20)

Condition: To be completed in case the flashpoint is completed.

Causes error 226 in APERAK when not available.

Entity: Dangerous Goods Specification
Attribute: flashpointUnit

8339 **PACKAGING DANGER LEVEL CODE** C 1 an..3

Code specifying the level of danger for which the packaging must cater.

81,1 GS DANGEROUS GOODS PACKING GROUP o

Coded indication of the packaging group in which the hazardous goods are classified according to the applicable hazardous goods regulation.

Entity: Dangerous Goods Specification
Attribute: packagingDangerGroupCode

- 1 Great danger
Packaging meeting criteria to pack hazardous materials with great danger. Group I according to IATA/IMDG/ADR/RID regulations.
- 2 Medium danger

Packaging meeting criteria to pack hazardous materials with medium danger. Group II according to IATA/IDMG/ADR/RID regulations.

3

Minor danger

Packaging meeting criteria to pack hazardous materials with minor danger. Group III according to IATA/IDMG/ADR/RID regulations.

X	8364	EMERGENCY PROCEDURE FOR SHIPS IDENTIFIER	C	1	an..6
X	8410	HAZARD MEDICAL FIRST AID GUIDE IDENTIFIER	C	1	an..4
X	8126	TRANSPORT EMERGENCY CARD IDENTIFIER	C	1	an..10
X	C235	HAZARD IDENTIFICATION PLACARD DETAILS	C	1	
		These numbers appear on the hazard identification placard required on the means of transport.			
X		8158 Orange hazard placard upper part identifier	C		an..4
X		8186 Orange hazard placard lower part identifier	C		an4
X	C236	DANGEROUS GOODS LABEL	C	1	
		Markings identifying the type of hazardous goods and similar information.			
X		8246 Dangerous goods marking identifier	C		an..4
X		8246 Dangerous goods marking identifier	C		an..4
X		8246 Dangerous goods marking identifier	C		an..4
X	8255	PACKING INSTRUCTION TYPE CODE	C	1	an..3
X	8325	HAZARDOUS MEANS OF TRANSPORT CATEGORY CODE	C	1	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X	8211	HAZARDOUS CARGO TRANSPORT AUTHORISATION CODE	C	1	an..3

Segment: **FTX** Free Text - Additional DG information - AAD
Position: 1430
Group: Segment Group 30 (Dangerous Goods) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify the dangerous goods technical name and to specify any additional dangerous goods information.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity for this segment is the Dangerous Goods Specification as determined in segment group 30.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat</u>	<u>Repr</u>	
M	4451		TEXT SUBJECT CODE QUALIFIER Code qualifying the subject of the text. AAD Dangerous goods, technical name Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature.	M	1	an..3
X	4453		FREE TEXT FUNCTION CODE Refer to D.00B Data Element Dictionary for acceptable code values.	C	1	an..3
X	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	1	
X		4441	Free text value code Code specifying free form text.	M		an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..3
>>	C108		TEXT LITERAL Free text; one to five lines.	C	1	
M		4440	Free text value - 1 Free form text. 75 GS DANGEROUS GOODS CHEMICAL/TECHNICAL NAME o The chemical/technical name of the dangerous goods which will be/or have been loaded into the container. The name has to be in conformance	M		an..70

with the stated dangerous goods regulation of the relevant transport modality.

Contains pos. 1-70.

Entity: Dangerous Goods Specification

Attribute: specifiedTechnicalName (1-70)

4440 Free text value - 2 C an..70

Free form text.

Contains pos. 71-140

Entity: Dangerous Goods Specification

Attribute: specifiedTechnicalName (71-140)

4440 Free text value - 3 C an..70

Free form text.

Contains pos. 141-210

Entity: Dangerous Goods Specification

Attribute: specifiedTechnicalName (141-210)

4440 Free text value - 4 C an..70

Free form text.

Contains pos. 211-280

Entity: Dangerous Goods Specification

Attribute: specifiedTechnicalName (211-280)

4440 Free text value - 5 C an..70

Free form text.

Contains pos. 281-350

Entity: Dangerous Goods Specification

Attribute: specifiedTechnicalName (281-350)

X 3453 LANGUAGE NAME CODE C 1 an..3

X 4447 FREE TEXT FORMAT CODE C 1 an..3

Refer to D.00B Data Element Dictionary for acceptable code values.

Group: **RFF** Segment Group 35: Reference
Position: 1545
Group: Segment Group 18 (Goods Item Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1546	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1546 (Trigger Segment)
Group: Segment Group 35 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: To specify a reference.

Dependency Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat</u>	<u>Repr</u>
M	C506		REFERENCE	M	1
			Identification of a reference.		
M		1153	Reference code qualifier	M	an..3
			Code qualifying a reference.		
			ACE Related document number		
			Reference number identifying a related document.		
>>		1154	Produced document or certificate name	C	an..35
			Produced document or certificate name		
			BDM Mapping		
			Entiteit: Document Reference		
			Attribuut: documentReferenceID		
			via relatie referring to Goods Item		
>>		1156	Produced document or certificate name, coded	C	an..4
			Produced document or certificate name, coded		
			BDM Mapping:		
			Entity: Document Type		
			Attribute : code		
			via relatie classifying document reference		
			Error B23 when invalid document type coding		
			820 Aangifte voor uniedouanevervoer-gemengde zendingen (T)		
			821 Aangifte voor extern uniedouanevervoer (T1)		
			822 Aangifte voor intern uniedouanevervoer (T2)		
			825 Verzendingsdocument T2L		

		N703	House Vrachtbrief		
		N705	Cognossement		
		N740	Luchtvrachtbrief		
		Y031	Certificaatcode betreffende AEO Programmas		
X	4000	Reference version identifier		C	an..35
X	1060	Revision identifier		C	an..6

Group: **EQD** Segment Group 36: Equipment Details
Position: 1550
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 999
Purpose: A group of segments to specify equipment in which goods are transported.
Notes: Dependency of the group is explained in the EQD segment.

Target entity of this segment group are all MC Equipment Plannings and their Equipment Main Carriages related to the same Voyage Stretch as identified by the TDT-segment.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1560	EQD	Equipment Details	M	1	
	1590	MEA	Measurements - Tare weight - T	C	1	
	1600	DIM	Dimensions - Off-standard - 9	C	1	
	1610	SEL	Seal Number	C	1	
	1620	TPL	Transport Placement - On-carriage transport details	C	1	
	1650	FTX	Free Text - Off-dimension information - ACQ	C	1	
	1655	DTM	Date/Time/Period - Estimated departure on -carriage - 133	C	1	
	1660	RFF	Reference - Booking reference number - BN	C	1	
D	1665	RFF	Reference - Radio call sign on-carriage - VM	C	1	
D	1668	RFF	Reference - Voyage number on-carriage - VON	C	1	
	1750		Segment Group 38: Name and Address	C		1
	1750		Segment Group 38: Name and Address	C		1

Segment: **EQD** Equipment Details

Position: 1560 (Trigger Segment)

Group: Segment Group 36 (Equipment Details) Conditional (Dependent)

Level: 1

Usage: Mandatory

Max Use: 1

Purpose: A segment to specify equipment, and equipment size and type used in the transport.

Dependency Notes:

Semantic Notes:

Comments:

Notes: This segment is to indicate the container details of the consignment.

Target entity is Equipment Main Carriage of the MC Equipment Planning for this cargo, as identified by SG35.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	8053		EQUIPMENT TYPE CODE QUALIFIER Code qualifying a type of equipment. Equipment qualifier 'CH' can also be used for trucks or truck-trailer combinations.	M 1 an..3
		CH	Chassis A wheeled carriage onto which an ocean container is mounted for inland conveyance.	
		CN	Container Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly.	
		SW	Swap body Rectangular equipment unit without wheels, which can be mounted on a chassis or positioned on legs.	
		TE	Trailer A vehicle without motive power, designed for the carriage of cargo and to be towed by a motor vehicle.	
>>	C237		EQUIPMENT IDENTIFICATION Marks (letters/numbers) identifying equipment.	C 1
>>		8260	Equipment identifier To identify equipment. Transport equipment identification (e.g. container number, chassis, trailer id)	C an..17

			In case of container number: Unique identification of the container, consisting of prefix + number. The prefix is a 4 alpha code indicating the owner of the container; the serial number consists in general of 7 digits, of which the final digit serves as a control digit. In the field prefix and number are completed without spaces (a so called contiguous field).
			Entity: Equipment Main Carriage Attribute: containerNumber
X		1131	Code list identification code C an..17 Refer to D.00B Data Element Dictionary for acceptable code values.
X		3055	Code list responsible agency code C an..3 Refer to D.00B Data Element Dictionary for acceptable code values.
X		3207	Country name code C an..3
>>	C224		EQUIPMENT SIZE AND TYPE C 1 Code and or name identifying size and type of equipment. Code preferred.
>>		8155	Equipment size and type description code C an..10 Code specifying the size and type of equipment.
			44 CO CONTAINER ISO SIZE/TYPE CODE r The ISO 'Size/type' code of the container; this is a 4 character code, of which the first two indicate the measurement of the container (length and height) and the last two indicate (in general) its type. Code list: ISO Size/type code list.
			In case Equipment type code qualifier is not equal to 'CN', the following size/type codes will be used: For type code qualifier 'TE': '99U9' For type code qualifier 'SW': '99U8' For type code qualifier 'CH': '99U7'
			Causes error 601 in APERAK when incorrect.
			Entity: Equipment Main Carriage Attribute: FK for Container Size Type
X		1131	Code list identification code C an..17 Refer to D.00B Data Element Dictionary for acceptable code values.
X		3055	Code list responsible agency code C an..3 Refer to D.00B Data Element Dictionary for acceptable code values.
X		8154	Equipment size and type description C an..35
	8077		EQUIPMENT SUPPLIER CODE C 1 an1 Code specifying the party that is the supplier of the equipment.
			88,5 IS CONTAINER SUPPLIER CODE r Indication of the role of the party that will supply the containers required for the transport of the consignment.
			Entity: MC Equipment Planning Attribute: shipperSuppliedIndicator

True if "1": shipper supplied
False if "2": carrier supplied

- 1 Shipper supplied
The transport equipment is supplied by the shipper.
- 2 Carrier supplied
The transport equipment is supplied by the carrier.

X **8249** **EQUIPMENT STATUS CODE** **C** **1** **an..3**

Refer to D.00B Data Element Dictionary for acceptable code values.

8169 **FULL OR EMPTY INDICATOR CODE** **C** **1** **an1**

Code indicating whether an object is full or empty.

51 CO CONTAINER FULL/EMPTY INDICATOR r

Indication whether the container is empty or full.

Entity: MC Equipment Planning

Attribute: emptyIndicator

True if "4" : Empty

False if "5": Full

- 4 Empty
- 5 Full

Segment: **MEA** Measurements - Tare weight - T
Position: 1590
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify measurements, other than dimensions, associated with the equipment, such as weight.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the Equipment Main Carriage of the MC Equipment Planning for this cargo.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>		
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>		
M	6311		MEASUREMENT PURPOSE CODE QUALIFIER	M	1	an..3
			Code qualifying the purpose of the measurement.			
		AAE	Measurement			
			[6314] Value of the measured unit.			
>>	C502		MEASUREMENT DETAILS	C	1	
			Identification of measurement type.			
>>		6313	Measured attribute code	C		an..3
			Code specifying the attribute measured.			
		T	Tare weight			
			Weight excluding goods and loose accessories.			
X		6321	Measurement significance code	C		an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		6155	Non-discrete measurement name code	C		an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.			
X		6154	Non-discrete measurement name	C		an..70
>>	C174		VALUE/RANGE	C	1	
			Measurement value and relevant minimum and maximum values of the measurement range.			
M		6411	Measurement unit code	M		an..3
			Code specifying the unit of measurement.			
		37	CO CONTAINER WEIGHT UNIT d			
			Unit, coded, in which the stated weight is expressed.			
			Condition: To be completed in case the value for the weight is completed.			
			Causes error 256 in APERAK when incorrect.			
			Entity: Equipment Main Carriage			

		Attribute: weightUnit		
		KGM Kilogram		
>>	6314	Measurement value	C	n..5
		To specify the value of a measurement.		
		38 CO CONTAINER TARE WEIGHT o		
		Weight of the container itself in empty status, as indicated on the CSC plate. No decimals allowed.		
		Causes error 256 in APERAK when incorrect.		
		Entity: Equipment Main Carriage		
		Attribute: tareWeight		
		Processing		
		In case the value does contain decimals, they must be removed in the mapping (so instead of raising an error the value is truncated).		
X	6162	Range minimum value	C	n..18
X	6152	Range maximum value	C	n..18
X	6432	Significant digits quantity	C	n..2
X	7383	SURFACE OR LAYER CODE	C	1 an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		

Segment: **DIM** Dimensions - Off-standard - 9
Position: 1600
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify dimensions applicable to equipment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Segment to be used in case the cargo measurements exceed the measurements of the equipment.

Target entity for this segment is the MC Equipment Planning for this cargo.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat/Repr</u>		
M	6145		DIMENSION TYPE CODE QUALIFIER Code qualifying the type of the dimension. 9 Off-standard dimension general The dimensions that the cargo exceeds the standard dimensions.	M	1	an..3
M	C211		DIMENSIONS Specification of the dimensions of a transportable unit.	M	1	
M		6411	Measurement unit code Code specifying the unit of measurement. 107 OF OFF DIMENSIONS UNIT d Unit in which the related off standard dimensions is expressed; the agreed unit is centimetres (cm). Condition: To be completed in case one of more off standard measurements are completed. Causes error 257 in APERAK when incorrect. Entity: MC Equipment Planning Attribute: oversizeUnit CMT Centimeter	M		an..3
		6168	Length dimension value To specify the value of a length dimension. 108,2 OF OFF DIMENSION LENGTH o The (sum of the) measurement(s) of the part(s) of the cargo protuberant at the front and/or the rear side of the container. When using off standard dimensions NO digits after the comma are allowed. Entity: MC Equipment Planning Attribute: overlength	C		n..4

Segment: **SEL** Seal Number
Position: 1610
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify seal and seal issuer associated with the equipment.
Dependency Notes:
Semantic Notes:
Comments:

Notes: Target entity is the MC Equipment Planning for this cargo.
 The Electronic manifest application can hold up to three seal numbers but only one is available in the message. This will always be stored in carrier seal.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
				<u>Req/Repeat/Repr</u>
>>	9308		SEAL IDENTIFIER To identify a seal.	C 1 an..17
			52 CO CONTAINER SEAL NUMBER r Number of a seal attached on the container; the party which has placed the seal is unknown.	
			Entity: MC Equipment Planning Attribute: carrierSealNumber	
>>	C215		SEAL ISSUER Identification of the issuer of a seal on equipment either by code or by name.	C 1
>>		9303	Sealing party name code Code specifying the name of the sealing party. AB Unknown The sealing party is unknown.	C an..3
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C an..3
X		9302	Sealing party name	C an..35
X	4517		SEAL CONDITION CODE Refer to D.00B Data Element Dictionary for acceptable code values.	C 1 an..3
X	C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C 1
X		7402	Object identifier Code specifying the unique identity of an object.	M an..35

X

7402 Object identifier

C

an..35

Segment: **TPL** **Transport Placement - On-carriage transport details**
Position: 1620
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify transport details for the equipment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: A segment to identify on-carriage transport details for the equipment.

Target entity for this segment is the Equipment Subcarriage Information following this equipment (with subCarriageType = 30 , on-carriage).

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat</u>	<u>Repr</u>
M	C222		TRANSPORT IDENTIFICATION Code and/or name identifying the means of transport.	M	1
		8213	Transport means identification name identifier Identifies the name of the transport means.	C	an..9
		182	VM MEANS OF TRANSPORT IDENTIFICATION CODE INLAND o Identification of the inland means of transport, dependent of the modality (for example barge code, train code, registration number of the truck). Causes error 321 (mode of transport not valid) in APERAK when invalid. Entity: Equipment Subcarriage Information Attribute: modeOfTransport Allowed values are converted to the domain values of the Mode_of_Transport domain: BARGE = 8 (inland water transport) RAIL = 2 (rail transport) SEA = 1 (maritime transport) TRUCK = 3 (road transport)		
			BARGE Barge RAIL Rail SEA Sea TRUCK Truck		
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..3
		8212	Transport means identification name	C	an..35

Name identifying a means of transport.

182,1 VM MEANS OF TRANSPORT IDENTIFICATION NAME
INLAND o

Name of the inland means of transport, dependent of the modality (for example barge name).

Entity: Equipment Subcarriage Information

Attribute: vesselName

X

8453

Transport means nationality code

C

an..3

Segment: **FTX** Free Text - Off-dimension information - ACQ
Position: 1650
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify processable supplementary information associated with the equipment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Segment indicating additional information about the off dimensions of the container.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
				<u>Req/Repeat</u>	<u>Repr</u>	
M	4451		TEXT SUBJECT CODE QUALIFIER Code qualifying the subject of the text. ACQ Off-dimension information Information relating to differences between the actual transport dimensions and the normally applicable dimensions.	M	1	an..3
	4453		FREE TEXT FUNCTION CODE Code specifying the function of free text. No processing. Refer to D.00B Data Element Dictionary for acceptable code values.	C	1	an..3
X	C107		TEXT REFERENCE Coded reference to a standard text and its source.	C	1	
X		4441	Free text value code Code specifying free form text.	M		an..17
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..17
X		3055	Code list responsible agency code Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..3
	C108		TEXT LITERAL Free text; one to five lines.	C	1	
M		4440	Free text value Free form text. 97 IS OFF-STANDARD DIMENSIONS INFO TEXT o Information relating to differences between the actual transport dimensions and the normally applicable dimensions. Entity: MC Equipment Planning Attribute: oversizeRemarks	M		an..512

X		4440	Free text value	C		an..512
X		4440	Free text value	C		an..512
X		4440	Free text value	C		an..512
X		4440	Free text value	C		an..512
X	3453		LANGUAGE NAME CODE	C	1	an..3
X	4447		FREE TEXT FORMAT CODE	C	1	an..3

Refer to D.00B Data Element Dictionary for acceptable code values.

Segment: **DTM** Date/Time/Period - Estimated departure on-carriage - 133
Position: 1655
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify date, and/or time, or period.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Target entity is the Equipment Subcarriage Information as defined for the TPL -segment.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat</u>	<u>Repr</u>
M	C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	1
M		2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period. 133 Departure date/time, estimated Date/time when carrier estimates that a means of transport should depart at the place of departure.	M	an..3
>>		2380	Date or time or period value The value of a date, a date and time, a time or of a period in a specified representation. 179,1 TS DATE DEPARTURE EXPECTED ON-CARRIAGE o Date (and time) at which the on-carriage means of transport used for the transport of the cargo is expected to leave port where the cargo is discharged from the vessel used for the main transport. Synonym: Expected sailing date. On-carriage departure date, related to the info in the TPL segment. Causes error 412 in APERAK when not available or < 01-01-1970.	C	an..8
>>		2379	Date or time or period format code Code specifying the representation of a date, time or period. 102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	C	an..3

Segment: **RFF** Reference - Booking reference number - BN
Position: 1660
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to specify a reference number to equipment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: For ferry shipments the Booking reference number is mandatory.
 Target entity is the MC Equipment Planning for this cargo.

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>	
		<u>Element</u>	<u>Name</u>	<u>Req/Repeat/Repr</u>	
M	C506		REFERENCE	M	1
			Identification of a reference.		
M		1153	Reference code qualifier	M	an..3
			Code qualifying a reference.		
			BN Booking reference number		
			[1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.		
>>		1154	Reference identifier	C	an..35
			Identifies a reference.		
			The booking reference number of the equipment.		
			Entity: MC Equipment Planning		
			Attribute: bookingReferenceNumber		
X		1156	Document line identifier	C	an..6
X		4000	Reference version identifier	C	an..35
X		1060	Revision identifier	C	an..6

Segment: **RFF** Reference - Radio call sign on-carriage - VM
Position: 1665
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: To specify a reference.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat</u>	<u>Repr</u>
M	C506		REFERENCE Identification of a reference.	M	1
		1153	Reference code qualifier Code qualifying a reference. VM Vessel identification (8123) Reference identifying a vessel (UN/ECE Recommendation No 10).	C	an..3
		1154	Reference identifier Identifies a reference. The 'radio call sign' of the seagoing vessel of the on-carriage transport (in succession to main transport) in which the cargo is to be/has been shipped. Code list: International Telecommunication Union Radio Call Sign (IRCS) for ship stations. Entity: Equipment Subcarriage Information Attribute: RadioCallSign	C	an..7
X		1156	Document line identifier	C	an..6
X		4000	Reference version identifier	C	an..35
X		1060	Revision identifier	C	an..6

Segment: **RFF** Reference - Voyage number on-carriage - VON
Position: 1668
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: To specify a reference.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
				<u>Req/Repeat</u>	<u>Repr</u>
M	C506		REFERENCE Identification of a reference.	M	1
		1153	Reference code qualifier Code qualifying a reference. VON Voyage number [8228] Reference number assigned by the carrier or his agent to the voyage of the vessel.	C	an..3
		1154	Reference identifier Identifies a reference. The voyage number or an indication (e.g. a date of sail) of the seagoing vessel as issued by the shipowner/agent of the on-carriage transport in which the goods is to be /has been shipped. Entity: Equipment Subcarriage Information Attribute: VoyageNumber	C	an..17
X		1156	Document line identifier	C	an..6
X		4000	Reference version identifier	C	an..35
X		1060	Revision identifier	C	an..6

Group: **NAD** Segment Group 38: Name and Address
Position: 1750
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to identify different equipment pick-up or drop-off places.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1760	NAD	Name and Address - Empty equipment return party - CR	M	1	

Segment: **NAD** Name and Address - Empty equipment return party - CR
Position: 1760 (Trigger Segment)
Group: Segment Group 38 (Name and Address) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a pick-up or drop-off address.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Target entity is the Equipment Subcarriage Information as defined for the TPL -segment.

Data Element Summary

	Data Element	Component Element	Name	Attributes		
				Req/Repeat/Repr		
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. CR Empty equipment return party Party to whose premises empty equipment will be or has been returned.	M	1	an..3
X	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1	
X		3039	Party identifier Code specifying the identity of a party.	M		an..35
X		1131	Code list identification code Code identifying a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..17
X		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.00B Data Element Dictionary for acceptable code values.	C		an..3
>>	C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	1	
M		3124	Name and address description - 1 Free form description of a name and address line. 4,2 AD DELIVERY ADDRESS EMPTY EQUIPMENT NAD INLAND Name and address of the party where the equipment being used for the transport of the goods is to be delivered. First address line Entity: Equipment Subcarriage Information Attribute: redeliveryEmptyEquipment (1-35)	M		an..35
		3124	Name and address description - 2 Free form description of a name and address line.	C		an..35

		Second address line		
		Entity: Equipment Subcarriage Information		
		Attribute: redeliveryEmptyEquipment (36-70)		
	3124	Name and address description - 3	C	an..35
		Free form description of a name and address line.		
		Third address line		
		Entity: Equipment Subcarriage Information		
		Attribute: redeliveryEmptyEquipment (71-105)		
	3124	Name and address description - 4	C	an..35
		Free form description of a name and address line.		
		Fourth address line		
		Entity: Equipment Subcarriage Information		
		Attribute: redeliveryEmptyEquipment (106-140)		
	3124	Name and address description - 5	C	an..35
		Free form description of a name and address line.		
		Fifth address line		
		Entity: Equipment Subcarriage Information		
		Attribute: redeliveryEmptyEquipment (141-175)		
X	C080	PARTY NAME	C	1
		Identification of a transaction party by name, one to five lines. Party name may be formatted.		
X	3036	Party name	M	an..35
		Name of a party.		
X	3036	Party name	C	an..35
X	3036	Party name	C	an..35
X	3036	Party name	C	an..35
X	3036	Party name	C	an..35
X	3045	Party name format code	C	an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.		
X	C059	STREET	C	1
		Street address and/or PO Box number in a structured address: one to four lines.		
X	3042	Street and number or post office box identifier	M	an..35
		To identify a street and number and/or Post Office box number.		
X	3042	Street and number or post office box identifier	C	an..35
X	3042	Street and number or post office box identifier	C	an..35
X	3042	Street and number or post office box identifier	C	an..35
X	3164	CITY NAME	C	1 an..35
X	C819	COUNTRY SUB-ENTITY DETAILS	C	1
		To specify a part of a country (eg county or part of a city).		
X	3229	Country sub-entity name code	C	an..9

X		1131	Code list identification code	C	an..17
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3055	Code list responsible agency code	C	an..3
			Refer to D.00B Data Element Dictionary for acceptable code values.		
X		3228	Country sub-entity name	C	an..35
X	3251		POSTAL IDENTIFICATION CODE	C	1 an..17
X	3207		COUNTRY NAME CODE	C	1 an..3

Group: **NAD** Segment Group 38: Name and Address
Position: 1750
Group: Segment Group 36 (Equipment Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments to identify different equipment pick-up or drop-off places.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1760	NAD	Name and Address - Container operator - CF	M	1	

Segment: **NAD** Name and Address - Container operator - CF
Position: 1760 (Trigger Segment)
Group: Segment Group 38 (Name and Address) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify a pick-up or drop-off address.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Target entity is the Company of the Visit Address operating the Main Carriage Equipment Planning. The content of this segment is used to identify this Visit Address.

Data Element Summary

	Data Element	Component Element	Name	Attributes	
				Req/Repeat	Repr
M	3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party. CF Container operator/lessee Party to whom the possession of specified property (e.g. container) has been conveyed for a period of time in return for rental payments.	M	1 an..3
>>	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	1
M		3039	Party identifier Code specifying the identity of a party. SCAC code carrier. Will only be validated and stored if port of discharge = port of call. Causes error 369 in APERAK when invalid. Entity: Company Attribute: SCACcode Must refer to a Company with role = "Container operator" for the Cargo declaration service.	M	an..4
X		1131	Code list identification code Refer to D.00B Data Element Dictionary for acceptable code values.	C	an..17
		3055	Code list responsible agency code Code specifying the agency responsible for a code list. When then responsible agency code is not filled, 182 (SCAC) is assumed as default. 182 US, Standard Carrier Alpha Code (Motor) Organisation maintaining the SCAC lists and	C	an..3

transportation operating in North America.

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X	C058	NAME AND ADDRESS	C	1	
		Unstructured name and address: one to five lines.			
X		3124 Name and address description - 1	M		an..35
		Free form description of a name and address line.			
X		3124 Name and address description - 2	C		an..35
		Free form description of a name and address line.			
X		3124 Name and address description - 3	C		an..35
		Free form description of a name and address line.			
X		3124 Name and address description - 4	C		an..35
		Free form description of a name and address line.			
X		3124 Name and address description - 5	C		an..35
		Free form description of a name and address line.			
X	C080	PARTY NAME	C	1	
		Identification of a transaction party by name, one to five lines. Party name may be formatted.			
X		3036 Party name	M		an..35
		Name of a party.			
X		3036 Party name	C		an..35
X		3036 Party name	C		an..35
X		3036 Party name	C		an..35
X		3036 Party name	C		an..35
X		3045 Party name format code	C		an..3
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X	C059	STREET	C	1	
		Street address and/or PO Box number in a structured address: one to four lines.			
X		3042 Street and number or post office box identifier	M		an..35
		To identify a street and number and/or Post Office box number.			
X		3042 Street and number or post office box identifier	C		an..35
X		3042 Street and number or post office box identifier	C		an..35
X		3042 Street and number or post office box identifier	C		an..35
X	3164	CITY NAME	C	1	an..35
X	C819	COUNTRY SUB-ENTITY DETAILS	C	1	
		To specify a part of a country (eg county or part of a city).			
X		3229 Country sub-entity name code	C		an..9
X		1131 Code list identification code	C		an..17
		Refer to D.00B Data Element Dictionary for acceptable code values.			
X		3055 Code list responsible agency code	C		an..3

Refer to D.00B Data Element Dictionary for acceptable code values.

X		3228	Country sub-entity name	C	an..35
X	3251		POSTAL IDENTIFICATION CODE	C 1	an..17
X	3207		COUNTRY NAME CODE	C 1	an..3

Segment: **UNT** Message Trailer
Position: 1870
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

Dependency Notes:

Semantic Notes:

Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u> <u>Req/Repeat/Repr</u>
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M 1 n..6
			Control count of number of segments in a message. Including the UNH-UNT-segments.	
M	0062		MESSAGE REFERENCE NUMBER	M 1 an..14
			Unique message reference assigned by the sender. Same number as in UNH segment.	