



Global DELFOR / VDA 4984

EDIFACT/D04A/DELFOR : Delivery schedule message

Version: 1.1 Final

Publication:
Notes:

September 2016
based on VDA 4984,
Version 1.2, March 2016

Change Log

Version 1.1 - June 2016	
Segment	Comment
UNB 0010	090 Acknowledgement request from Not used to Optional S00 001 included Qualifier UNOC
DTM 0060	Horizon start date, changed position in guideline to match with position in EDI files
DTM 0070	Horizon end date, changed position in guideline to match with position in EDI files
SG2 NAD	0100 Buyer/Customer C082 3055 -> included qualifier "16"
SG2 NAD	0140 Seller/Supplier C082 3055 -> included qualifier "16" changed position in guideline to match with position in EDI files
SG2 NAD	0180 Ship from, User Status from Required to Optional
SG7 NAD	0240 Ship to C082 3055 -> included qualifier "91"
QTY 0430	Quantity cumulative, changed position in guideline to match with position in EDI files
QTY 0460	last goods receipt, changed position in guideline to match with position in EDI files
RFF 0470	Added segment in SG16 Quantity - last goods receipts
SG18	SCC 4017 included qualifiers 2 and 3 Removed second SG18, as qualifiers were put into first SG18 SCC 4017
PAC 0650	Packaging details from Required to Optional
FTX 0080	Removed segment as not used
SG14	Removed segment group as not used
QTY C186 6063 SG6#1\SG12#1\SG18#1\SG19#1	Added qualifier 50 Disposition undetermined quantity in alignment with VDA 4984, Version 1.2, March 2016
Version 1.1 - September 2016	
Segment	Comment
SG18	Created separate SG18 Loops for qualifier 2 and 3, for Authorization for Fabrication and Material
Version 1.0 - February 2015	
Initial version, subset of VDA recommendation 4984, Version 1.1, June 2014	

Table of Contents

DELFOR	Delivery schedule message	1
UNB	Interchange header	3
UNH	Message header	5
BGM	Beginning of message	6
DTM	Document generation	7
DTM	Horizon start date	8
DTM	Horizon end date	9
DTM	Schedule Type	10
Group 2	Segment Group 2	11
NAD	Seller / Supplier	12
Group 3	Segment Group 3	14
RFF	DUNS	15
Group 2	Segment Group 2	16
NAD	Buyer / Customer	17
Group 3	Segment Group 3	19
RFF	DUNS	20
Group 2	Segment Group 2	21
NAD	Ship from	22
Group 3	Segment Group 3	24
RFF	DUNS	25
Group 6	Segment Group 6	26
GEI	Processing information	27
Group 7	Segment Group 7	28
NAD	Ship to	29
LOC	Unloading point	31
LOC	Internal place of consumption	32
Group 12	Segment Group 12	33
LIN	Line item	34
PIA	Additional product ID	35
IMD	Item description	37
LOC	Internal place of consumption	38
DTM	Drawing revision date	39
FTX	Free text	40
Group 13	Segment Group 13	41
RFF	Reference	42
DTM	Date/Time/Period - Reference	43
Group 16	Segment Group 16	44
QTY	Quantity - cumulative	45
DTM	Date/Time/Period - cumulative quantity	46
Group 16	Segment Group 16	47
QTY	Quantity - last goods receipts	48
DTM	Date/Time/Period - last goods receipts	49
Group 17	Segment Group 17	50
RFF	Reference	51
DTM	Date/Time/Period - reference document	52
Group 16	Segment Group 16	53
QTY	Quantity - delivery balance	54
Group 18	Segment Group 18	55
SCC	Cumulative Authorization for Fabrication	56
Group 19	Segment Group 19	57
QTY	Quantity - scheduled	58
DTM	Delivery / Shipment dates	59
Group 18	Segment Group 18	60
SCC	Cumulative Authorization for Material	61
Group 19	Segment Group 19	62

QTY	Quantity - scheduled	63
DTM	Delivery / Shipment dates	64
Group 18	Segment Group 18	65
SCC	Scheduling Conditions.....	66
Group 19	Segment Group 19	67
QTY	Quantity - scheduled	68
DTM	Delivery / Shipment dates	69
Group 21	Segment Group 21	70
PAC	Package	71
QTY	Quantity per package.....	73
UNT	Message trailer	74
UNZ	Interchange trailer	75

DELFOR

Delivery schedule message

Heading:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0010	UNB	Interchange header	M	1		Required	3
0020	UNH	Message header	M	1		Required	5
0030	BGM	Beginning of message	M	1		Required	6
0040	DTM	Document generation	M	1	N1/0040	Required	7
0050	DTM	Horizon start date	C	1	N1/0050	Optional	8
0060	DTM	Horizon end date	C	1	N1/0060	Optional	9
0070	DTM	Schedule Type	C	1	N1/0070	Optional	10
0080		Segment Group 2	M	1	N1/0080	Required	11
0090	NAD	Seller / Supplier	M	1	N1/0090	Required	12
0100		Segment Group 3	C	1	N1/0100	Optional	14
0110	RFF	DUNS	M	1	N1/0110	Required	15
0120		Segment Group 2	M	1	N1/0120	Required	16
0130	NAD	Buyer / Customer	M	1	N1/0130	Required	17
0140		Segment Group 3	C	1	N1/0140	Optional	19
0150	RFF	DUNS	M	1	N1/0150	Required	20
0160		Segment Group 2	O	1	N1/0160	Optional	21
0170	NAD	Ship from	M	1	N1/0170	Optional	22
0180		Segment Group 3	C	1	N1/0180	Optional	24
0190	RFF	DUNS	M	1	N1/0190	Required	25

Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0200		Segment Group 6	C	9999	N2/0200	Required	26
0210	GEI	Processing information	M	1	N2/0210	Required	27
0220		Segment Group 7	C	1	N2/0220	Required	28
0230	NAD	Ship to	M	1	N2/0230	Required	29
0240	LOC	Unloading point	C	1	N2/0240	Required	31
0250	LOC	Internal place of consumption	C	2	N2/0250	Optional	32
0260		Segment Group 12	C	9999	N2/0260	Optional	33
0270	LIN	Line item	M	1	N2/0270	Required	34
0280	PIA	Additional product ID	C	1	N2/0280	Optional	35
0290	IMD	Item description	C	10	N2/0290	Optional	37
0300	LOC	Internal place of consumption	C	2	N2/0300	Optional	38
0310	DTM	Drawing revision date	C	6	N2/0310	Optional	39
0320	FTX	Free text	C	5	N2/0320	Optional	40
0330		Segment Group 13	C	3	N2/0330	Required	41
0340	RFF	Reference	M	1	N2/0340	Required	42
0350	DTM	Date/Time/Period - Reference	C	9	N2/0350	Optional	43
0360		Segment Group 16	C	3	N2/0360	Optional	44
0370	QTY	Quantity - cumulative	M	1	N2/0370	Required	45
0380	DTM	Date/Time/Period - cumulative quantity	C	1	N2/0380	Optional	46
0390		Segment Group 16	C	3	N2/0390	Optional	47

0400	QTY	Quantity - last goods receipts	M	1	N2/0400	Required	48
0410	DTM	Date/Time/Period - last goods receipts	C	1	N2/0410	Required	49
0420		Segment Group 17	C	99	N2/0420	Optional	50
0430	RFF	Reference	M	1	N2/0430	Required	51
0440	DTM	Date/Time/Period - reference document	C	2	N2/0440	Optional	52
0450		Segment Group 16	C	2	N2/0450	Optional	53
0460	QTY	Quantity - delivery balance	M	1	N2/0460	Required	54
0470		Segment Group 18	C	999	N2/0470	Optional	55
0480	SCC	Cumulative Authorization for Fabrication and Material	M	1	N2/0480	Required	56
0490		Segment Group 19	C	999	N2/0490	Optional	57
0500	QTY	Quantity - scheduled	M	1	N2/0500	Required	58
0510	DTM	Delivery / Shipment dates	C	5	N2/0510	Optional	59
0520		Segment Group 18	C	999	N2/0520	Optional	60
0530	SCC	Cumulative Authorization for Fabrication and Material	M	1	N2/0530	Required	61
0540		Segment Group 19	C	999	N2/0540	Optional	62
0550	QTY	Quantity - scheduled	M	1	N2/0550	Required	63
0560	DTM	Delivery / Shipment dates	C	5	N2/0560	Optional	64
0570		Segment Group 18	C	999	N2/0570	Optional	65
0580	SCC	Scheduling Conditions	M	1	N2/0580	Required	66
0590		Segment Group 19	C	999	N2/0590	Optional	67
0600	QTY	Quantity - scheduled	M	1	N2/0600	Required	68
0610	DTM	Delivery / Shipment dates	C	5	N2/0610	Optional	69
0620		Segment Group 21	C	99	N2/0620	Optional	70
0630	PAC	Package	M	1	N2/0630	Required	71
0640	QTY	Quantity per package	C	5	N2/0640	Optional	73

Summary:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage	Page
0650	UNT	Message trailer	M	1	N3/0650	Required	74
0660	UNZ	Interchange trailer	M	1		Required	75

UNB Interchange header

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 11

User Option (Usage): Required

Function: To start, identify and specify an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNB010	S001	SYNTAX IDENTIFIER	M	Comp		Required
UNB010-010	0001	Syntax identifier	M	a	1/4	Required
		<u>Code</u> <u>Name</u>				
		UNOA UN/ECE level A				
		UNOC UN/ECE level C				
UNB010-020	0002	Syntax version number	M	n	1/1	Required
		<u>Code</u> <u>Name</u>				
		2 Version 2				
		3 Version 3				
UNB020	S002	Interchange sender	M	Comp		Required
UNB020-010	0004	Sender identification	M	an	1/35	Required
UNB020-020	0007	Partner identification code qualifier	C	an	1/4	Optional
		<u>Code</u> <u>Name</u>				
		1 DUNS (Data Universal Numbering System)				
		9 DUNS (Data Universal Numbering System) with 4 digit suffix				
		18 AIAG (Automotive Industry Action Group)				
		59 ODETTE (Organization for Data Exchange through Tele-Transmission in Europe)				
		61 SCAC (Standard Carrier Alpha Code)				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
		ZZZ Mutually defined				
UNB020-030	0008	Address for reverse routing	C	an	1/14	Optional
UNB030	S003	Interchange recipient	M	Comp		Required
UNB030-010	0010	Recipient identification	M	an	1/35	Required
UNB030-020	0007	Partner identification code qualifier	C	an	1/4	Optional
		Description:				
		<i>for code list see interchange sender</i>				
UNB030-030	0014	Routing address	C	an	1/14	Optional
UNB040	S004	Date/Time of preperation	M	Comp		Required
UNB040-010	0017	Date of preparation	M	n	1/6	Required
UNB040-020	0019	Time of preparation	M	an	1/4	Required
UNB050	0020	Interchange control reference	M	an	1/14	Required
UNB060	S005	Recipients reference password	C	Comp		Not used
UNB060-010	0022	Recipient's reference/password	M	an	1/14	Not used
UNB060-020	0025	Recipient's reference/password qualifier	C	an	2/2	Not used
UNB070	0026	Application reference	C	an	1/14	Not used

UNB080	0029	Processing priority code	C	a	1/1	Not used
UNB090	0031	Acknowledgement request	C	n	1/1	Optional
		<u>Code</u>				
		0				
		<u>Name</u>				
		Requested				
UNB100	0032	Cummunications agreement ID	C	an	1/35	Not used
UNB110	0035	Test indicator	C	n	1/1	Optional
		<u>Code</u>				
		1				
		<u>Name</u>				
		Interchange is a test				

Magna Usage:

Magna prefers to use the DUNS number or protocol specific sender and recipient codes (AS2 ID or OFTP SFID) if required other sender & receiver codes can be defined at the connection setup.

Example:

UNB+UNOC:3+O0013000438STEYR+MSF397830+150826:1510+71+++0'

UNH Message header

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Required

Function: To head, identify and specify a message.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH010	0062	Message reference number	M	an	1/14	Required
		Description: <i>Message reference number should be unique for an agreed period of time. (Eg. Calendar year, model year)</i>				
UNH020	S009	Message identifier	M	Comp		Required
UNH020-010	0065	Message type	M	an	1/6	Required
		Code Name DELFOR Delivery schedule message				
UNH020-020	0052	Message version number	M	an	1/3	Required
		Code Name D Draft version/UN/EDIFACT Directory				
UNH020-030	0054	Message release number	M	an	1/3	Required
		Code Name 04A Release 2004 - A				
UNH020-040	0051	Controlling agency, coded	M	an	1/2	Required
		Code Name UN UN/CEFACT				
UNH020-050	0057	Association assigned code	C	an	1/6	Optional
		Description: <i>Identifying the subset in use, assigned by responsible agency</i> GAVB11 VDA DELFOR Version 1.1				
UNH030	0068	Common access reference	C	an	1/35	Not used

Example:

UNH+123456+DELFOR:D:04A:UN:GAVB11'

BGM Beginning of message

Pos: 0030	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Required

Function: To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage										
BGM010	C002	Document/Message name	C	Comp		Required										
BGM010-010	1001	Document name code	C	an	1/3	Required										
		Magna Usage: 241 - the message contains forecast data and firm demand														
		<table><thead><tr><th>Code</th><th>Name</th></tr></thead><tbody><tr><td>236</td><td>Delivery forecast</td></tr><tr><td>240</td><td>Delivery instructions</td></tr><tr><td>241</td><td>Delivery schedule</td></tr><tr><td>242</td><td>Delivery just-in-time</td></tr></tbody></table>	Code	Name	236	Delivery forecast	240	Delivery instructions	241	Delivery schedule	242	Delivery just-in-time				
Code	Name															
236	Delivery forecast															
240	Delivery instructions															
241	Delivery schedule															
242	Delivery just-in-time															
BGM010-020	1131	Code list identification code	C	an	1/17	Not used										
BGM010-030	3055	Code list responsible agency code	C	an	1/3	Optional										
		<table><thead><tr><th>Code</th><th>Name</th></tr></thead><tbody><tr><td>6</td><td>UN/ECE (United Nations - Economic Commission for Europe)</td></tr></tbody></table>	Code	Name	6	UN/ECE (United Nations - Economic Commission for Europe)										
Code	Name															
6	UN/ECE (United Nations - Economic Commission for Europe)															
BGM010-040	1000	Document name	C	an	1/35	Optional										
		Magna Usage: Maybe used in the future to separate & identify specific processes														
BGM020	C106	Document/Message identification	C	Comp		Required										
BGM020-010	1004	Document identifier	C	an	1/35	Required										
BGM020-020	1056	Version identifier	C	an	1/9	Not used										
BGM020-030	1060	Revision identifier	C	an	1/6	Not used										
BGM030	1225	Message function code	C	an	1/3	Optional										
		<table><thead><tr><th>Code</th><th>Name</th></tr></thead><tbody><tr><td>9</td><td>Original</td></tr></tbody></table>	Code	Name	9	Original										
Code	Name															
9	Original															

Example:

BGM+241::6+231234+9'

DTM Document generation

Pos: 0040	Max: 1
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Required

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		137 creation timestamp from ERP				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+137:19970611:102'

DTM Horizon start date

Pos: 0050	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional

Function: DTM segments to define schedule validity horizon.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		158 Horizon start date				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+158:19970616:102'

DTM Horizon end date

Pos: 0060	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional

Function: DTM segments to define schedule validity horizon.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		159 Horizon end date				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+159:19971103:102'

DTM Schedule Type

Pos: 0070	Max: 1
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Optional

Function: DTM segment to define if included schedule positions are intended to be expected shipment or delivery dates.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u>		<u>Name</u>		
		2		Delivery date/time, requested		
		10		Shipment date/time, requested		

Example:

DTM+2:19970616:102'

Segment Group 2

Pos: 0080	Repeat: 1
Mandatory	
Group: 2	Elements: N/A

User Option (Usage): Required

Function: Seller / Supplier

A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0090	NAD	Seller / Supplier	M	1	Required
0100		Segment Group 3	C	1	Optional

NAD

Seller / Supplier

Pos: 0090	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		SE Seller				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		16 US, D&B (Dun & Bradstreet Corporation)				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Optional
NAD040-040	3036	Party name	C	an	1/35	Optional
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional

NAD070	C819	Country sub-entity details	C	Comp		Optional
NAD070-010	3229	Country sub-entity name code	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country sub-entity name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country name code	C	an	1/3	Optional

Example:

NAD+SE+084559798::16'

Segment Group 3

Pos: 0100	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: used if DUNS not provided in related NAD segment

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0110	RFF	DUNS	M	1	Required

RFF DUNS

Pos: 0110	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	Reference	M	Comp		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Not used
RFF010-040	4000	Reference version identifier	C	an	1/35	Not used
RFF010-050	1060	Revision identifier	C	an	1/6	Not used

Example:

RFF+ANK:330972134'

Segment Group 2

Pos: 0120	Repeat: 1
Mandatory	
Group: 2	Elements: N/A

User Option (Usage): Required

Function: Buyer / Customer

A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0130	NAD	Buyer / Customer	M	1	Required
0140		Segment Group 3	C	1	Optional

NAD Buyer / Customer

Pos: 0130	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Required

Function: To specify the name/address and their related function.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		BY Buyer				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		16 US, D&B (Dun & Bradstreet Corporation)				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Optional
NAD040-040	3036	Party name	C	an	1/35	Optional
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional

NAD070	C819	Country sub-entity details	C	Comp		Optional
NAD070-010	3229	Country sub-entity name code	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country sub-entity name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Not used
NAD090	3207	Country name code	C	an	1/3	Not used

Example:

NAD+BY+648553642::16'

Segment Group 3

Pos: 0140	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: used if DUNS not provided in related NAD segment

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0150	RFF	DUNS	M	1	Required

RFF DUNS

Pos: 0150	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	Reference	M	Comp		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Not used
RFF010-040	4000	Reference version identifier	C	an	1/35	Not used
RFF010-050	1060	Revision identifier	C	an	1/6	Not used

Example:

RFF+ANK:330972134'

Segment Group 2

Pos: 0160	Repeat: 1
Optional	
Group: 2	Elements: N/A

User Option (Usage): Optional

Function: Ship from

A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0170	NAD	Ship from	M	1	Optional
0180		Segment Group 3	C	1	Optional

NAD Ship from

Pos: 0170	Max: 1
Mandatory	
Group: 2	Elements: 9

Loop Path: Group 2

User Option (Usage): Optional

Function: To specify the name/address and their related function.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		SF Ship from				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Optional
NAD040-040	3036	Party name	C	an	1/35	Optional
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Required
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional
NAD070	C819	Country sub-entity details	C	Comp		Optional

NAD070-010	3229	Country sub-entity name code	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country sub-entity name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country name code	C	an	1/3	Optional

Example:

NAD+SF+EL335590::92'

Segment Group 3

Pos: 0180	Repeat: 1
Conditional	
Group: 3	Elements: N/A

Loop Path: Group 2

User Option (Usage): Optional

Function: used if DUNS not provided in related NAD segment

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0190	RFF	DUNS	M	1	Required

RFF DUNS

Pos: 0190	Max: 1
Mandatory	
Group: 3	Elements: 1

Loop Path: Group 2-Group 3
User Option (Usage): Required
Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	Reference	M	Comp		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ANK Reference number assigned by third party				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Not used
RFF010-040	4000	Reference version identifier	C	an	1/35	Not used
RFF010-050	1060	Revision identifier	C	an	1/6	Not used

Example:

RFF+ANK:330972134'

Segment Group 6

Pos: 0200	Repeat: 9999
Conditional	
Group: 6	Elements: N/A

User Option (Usage): Required

Function: ship to level

There has to be a separate SG6 loop including a GIN segment if ship to or unloading point is changing.

If only order number or item numbers are changing it is sufficient to create a new SG12 loop including a LIN segment.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0210	GEI	Processing information	M	1	Required
0220		Segment Group 7	C	1	Required
0260		Segment Group 12	C	9999	Optional

GEI

Processing information

Pos: 0210	Max: 1
Mandatory	
Group: 6	Elements: 3

Loop Path: Group 6

User Option (Usage): Required

Function: To identify processing information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
GEI010	9649	Processing information code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		3 Scheduling type information				
GEI020	C012	Processing indicator	C	Comp		Optional
GEI020-010	7365	Processing indicator description code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		37 Complete information				
		Magna Usage: <i>new data replaces the forecast data in the previous transmission</i>				
GEI020-020	1131	Code list identification code	C	an	1/17	Not used
GEI020-030	3055	Code list responsible agency code	C	an	1/3	Not used
GEI020-040	7364	Processing indicator description	C	an	1/35	Not used
GEI030	7187	Process type description code	C	an	1/17	Not used

Example:

GEI+3+37'

Segment Group 7

Pos: 0220	Repeat: 1
Conditional	
Group: 7	Elements: N/A

Loop Path: Group 6

User Option (Usage): Required

Function: A group of segments needed to identify a delivery point and its attached information.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0230	NAD	Ship to	M	1	Required
0240	LOC	Unloading point	C	1	Required
0250	LOC	Internal place of consumption	C	2	Optional

NAD Ship to

Pos: 0230	Max: 1
Mandatory	
Group: 7	Elements: 9

Loop Path: Group 6-Group 7

User Option (Usage): Required

Function: To specify the name/address and their related function.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ST Ship to				
NAD020	C082	Party identification details	C	Comp		Required
NAD020-010	3039	Party identifier	M	an	1/35	Required
NAD020-020	1131	Code list identification code	C	an	1/17	Not used
NAD020-030	3055	Code list responsible agency code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		16 US, D&B (Dun & Bradstreet Corporation)				
		91 Assigned by seller or seller's agent				
		92 Assigned by buyer or buyer's agent				
NAD030	C058	Name and address	C	Comp		Not used
NAD030-010	3124	Name and address description	M	an	1/35	Not used
NAD030-020	3124	Name and address description	C	an	1/35	Not used
NAD030-030	3124	Name and address description	C	an	1/35	Not used
NAD030-040	3124	Name and address description	C	an	1/35	Not used
NAD030-050	3124	Name and address description	C	an	1/35	Not used
NAD040	C080	Party name	C	Comp		Optional
NAD040-010	3036	Party name	M	an	1/35	Required
NAD040-020	3036	Party name	C	an	1/35	Optional
NAD040-030	3036	Party name	C	an	1/35	Optional
NAD040-040	3036	Party name	C	an	1/35	Optional
NAD040-050	3036	Party name	C	an	1/35	Not used
NAD040-060	3045	Party name format code	C	an	1/3	Not used
NAD050	C059	Street	C	Comp		Optional
NAD050-010	3042	Street and number or post office box identifier	M	an	1/35	Required
NAD050-020	3042	Street and number or post office box identifier	C	an	1/35	Optional
NAD050-030	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD050-040	3042	Street and number or post office box identifier	C	an	1/35	Not used
NAD060	3164	City name	C	an	1/35	Optional

NAD070	C819	Country sub-entity detail	C	Comp		Optional
NAD070-010	3229	Country sub-entity name code	C	an	1/9	Required
NAD070-020	1131	Code list identification code	C	an	1/17	Not used
NAD070-030	3055	Code list responsible agency code	C	an	1/3	Not used
NAD070-040	3228	Country sub-entity name	C	an	1/70	Not used
NAD080	3251	Postal identification code	C	an	1/17	Optional
NAD090	3207	Country name code	C	an	1/3	Optional

Example:

NAD+ST+THO::16++MAGNA FAHRZEUGTECHNIK AG CO KG'

LOC Unloading point

Pos: 0240	Max: 1
Conditional	
Group: 7	Elements: 2

Loop Path: Group 6-Group 7

User Option (Usage): Required

Function: To identify a place or a location and/or related locations.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> 11				
		<u>Name</u> Place/port of discharge				
		Magna Usage: <i>used as unloading point</i>				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location name code	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> 92				
		<u>Name</u> Assigned by buyer or buyer's agent				
LOC020-040	3224	Location name	C	an	1/256	Optional

Example:

LOC+11+G06'

LOC Internal place of consumption

Pos: 0250	Max: 2
Conditional	
Group: 7	Elements: 2

Loop Path: Group 6-Group 7

User Option (Usage): Optional

Function: To identify a place or a location and/or related locations.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		7 Place of delivery				
		159 Additional internal destination				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location name code	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
LOC020-040	3224	Location name	C	an	1/256	Optional

Example:

LOC+159+H3'

Segment Group 12

Pos: 0260	Repeat: 9999
Conditional	
Group: 12	Elements: N/A

Loop Path: Group 6

User Option (Usage): Optional

Function: A group of segments providing details of the individual line items.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0270	LIN	Line item	M	1	Required
0280	PIA	Additional product ID	C	1	Optional
0290	IMD	Item description	C	10	Optional
0300	LOC	Internal place of consumption	C	2	Optional
0310	DTM	Drawing revision date	C	6	Optional
0320	FTX	Free text	C	5	Optional
0330		Segment Group 13	C	3	Required
0360		Segment Group 16	C	3	Optional
0390		Segment Group 16	C	3	Optional
0450		Segment Group 16	C	2	Optional
0470		Segment Group 18	C	999	Optional
0520		Segment Group 18	C	999	Optional
0570		Segment Group 18	C	999	Optional
0620		Segment Group 21	C	99	Optional

LIN

Line item

Pos: 0270	Max: 1
Group: 12	Elements: 5

Loop Path: Group 6-Group 12

User Option (Usage): Required

Function: To identify a line item and configuration.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN010	1082	Line item identifier	C	an	1/6	Optional
LIN020	1229	Action request/notification description code	C	an	1/3	Not used
LIN030	C212	Item number	C	Comp		Required
LIN030-010	7140	Item identifier	C	an	1/35	Required
LIN030-020	7143	Item type identification code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		IN Buyer's item number				
LIN030-030	1131	Code list identification code	C	an	1/17	Not used
LIN030-040	3055	Code list responsible agency code	C	an	1/3	Not used
LIN050	1222	Configuration level number	C	n	1/2	Not used
LIN060	7083	Configuration operation code	C	an	1/3	Not used

Example:

LIN+++12345678:IN'

PIA Additional product ID

Pos: 0280	Max: 1
Conditional	
Group: 12	Elements: 6

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: To specify additional or substitutional item identification codes.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA010	4347	Product identifier code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		1 Additional identification				
PIA020	C212	Item number identification	M	Comp		Required
PIA020-010	7140	Item identifier	C	an	1/35	Required
PIA020-020	7143	Item type identification code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AG Software revision number				
		CL Colour number				
		DR Drawing revision number				
		EC Engineering change level				
		RY Record keeping of model year				
PIA020-030	1131	Code list identification code	C	an	1/17	Not used
PIA020-040	3055	Code list responsible agency code	C	an	1/3	Not used
PIA030	C212	Item number identification	C	Comp		Optional
PIA030-010	7140	Item identifier	C	an	1/35	Required
PIA030-020	7143	Item type identification code	C	an	1/3	Required
		Description: see 7134#1				
PIA030-030	1131	Code list identification code	C	an	1/17	Not used
PIA030-040	3055	Code list responsible agency code	C	an	1/3	Not used
PIA040	C212	Item number identification	C	Comp		Optional
PIA040-010	7140	Item identifier	C	an	1/35	Required
PIA040-020	7143	Item type identification code	C	an	1/3	Required
		Description: see 7134#1				
PIA040-030	1131	Code list identification code	C	an	1/17	Not used
PIA040-040	3055	Code list responsible agency code	C	an	1/3	Not used
PIA050	C212	Item number identification	C	Comp		Optional
PIA050-010	7140	Item identifier	C	an	1/35	Required
PIA050-020	7143	Item type identification code	C	an	1/3	Required
		Description: see 7134#1				
PIA050-030	1131	Code list identification code	C	an	1/17	Not used

PIA050-040	3055	Code list responsible agency code	C	an	1/3	Not used
PIA060	C212	Item number identification	C	Comp		Optional
PIA060-010	7140	Item identifier	C	an	1/35	Required
PIA060-020	7143	Item type identification code	C	an	1/3	Required
		Description: see 7134#1				
PIA060-030	1131	Code list identification code	C	an	1/17	Not used
PIA060-040	3055	Code list responsible agency code	C	an	1/3	Not used

Example:

PIA+1+YAP 5437/92:EC'

IMD

Item description

Pos: 0290	Max: 10
Group: 12	Elements: 4

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: To describe an item in either an industry or free format.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IMD010	7077	Description format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		F Free-form				
IMD020	C272	Item characteristic	C	Comp		Not used
IMD020-010	7081	Item characteristic code	C	an	1/3	Not used
IMD020-020	1131	Code list identification code	C	an	1/17	Not used
IMD020-030	3055	Code list responsible agency code	C	an	1/3	Not used
IMD030	C273	Item description	C	Comp		Optional
IMD030-010	7009	Item description code	C	an	1/17	Optional
		Description: <i>indicating the status of an article using code list JAI004.</i> <i>11 Production</i>				
IMD030-020	1131	Code list identification code	C	an	1/17	Not used
IMD030-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		272 Joint Automotive Industry agency				
IMD030-040	7008	Item description	C	an	1/256	Optional
IMD030-050	7008	Item description	C	an	1/256	Optional
IMD030-060	3453	Language name code	C	an	1/3	Optional
IMD040	7383	Surface or layer code	C	an	1/3	Not used

Example:

IMD+F++11::BELAG ROHTEIL'

LOC Internal place of consumption

Pos: 0300	Max: 2
Conditional	
Group: 12	Elements: 2

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: To identify a place or a location and/or related locations.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LOC010	3227	Location function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		7 Place of delivery				
		159 Additional internal destination				
LOC020	C517	Location identification	C	Comp		Required
LOC020-010	3225	Location name code	C	an	1/35	Optional
LOC020-020	1131	Code list identification code	C	an	1/17	Not used
LOC020-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
LOC020-040	3224	Location name	C	an	1/256	Optional

Example:

LOC+159+H3'

DTM Drawing revision date

Pos: 0310	Max: 6
Conditional	
Group: 12	Elements: 1

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		380 Drawing revision date				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+380:20050101:102'

FTX Free text

Pos: 0320	Max: 5
Conditional	
Group: 12	Elements: 6

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: To provide free form or coded text information.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
FTX010	4451	Text subject code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAI General information				
		LIN Line item				
FTX020	4453	Free text function code	C	an	1/3	Not used
FTX030	C107	Text reference	C	Comp		Not used
FTX030-010	4441	Free text description code	M	an	1/17	Not used
FTX030-020	1131	Code list identification code	C	an	1/17	Not used
FTX030-030	3055	Code list responsible agency code	C	an	1/3	Not used
FTX040	C108	Text	C	Comp		Required
FTX040-010	4440	Free text	M	an	1/256	Required
FTX040-020	4440	Free text	C	an	1/256	Optional
FTX040-030	4440	Free text	C	an	1/256	Optional
FTX040-040	4440	Free text	C	an	1/256	Optional
FTX040-050	4440	Free text	C	an	1/256	Optional
FTX050	3453	Language name code	O	an	1/3	Optional
FTX060	4447	Free text format code	C	an	1/3	Not used

Example:

FTX+AAI/+++PPS1994 940101'

Segment Group 13

Pos: 0330	Repeat: 3
Conditional	
Group: 13	Elements: N/A

Loop Path: Group 6-Group 12

User Option (Usage): Required

Function: provide references related to the delivery schedule

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0340	RFF	Reference	M	1	Required
0350	DTM	Date/Time/Period - Reference	C	9	Optional

RFF Reference

Pos: 0340	Max: 1
Mandatory	
Group: 13	Elements: 1

Loop Path: Group 6-Group 12-Group 13

User Option (Usage): Required

Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	Reference	M	Comp		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		ON Buyers order number				
		AAN Delivery schedule number				
		AIF Previous delivery instruction number				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Not used
RFF010-040	4000	Reference version identifier	C	an	1/35	Not used
RFF010-050	1060	Revision identifier	C	an	1/6	Not used

Magna Usage:

At least the delivery instruction number and the order number will be transmitted.

For the first delivery instruction there is no previous instruction reference.

Example:

RFF+ON:A1A2A3A4A'

DTM Date/Time/Period - Reference

Pos: 0350	Max: 9
Conditional	
Group: 13	Elements: 1

Loop Path: Group 6-Group 12-Group 13

User Option (Usage): Optional

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Reference date/time				
DTM010-020	2380	Date or time or period text	C	an	1/35	Optional
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+171:201508261510:203'

Segment Group 16

Pos: 0360	Repeat: 3
Conditional	
Group: 16	Elements: N/A

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: cumulative quantities

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0370	QTY	Quantity - cumulative	M	1	Required
0380	DTM	Date/Time/Period - cumulative quantity	C	1	Optional

QTY Quantity - cumulative

Pos: 0370	Max: 1
Mandatory	
Group: 16	Elements: 1

Loop Path: Group 6-Group 12-Group 16

User Option (Usage): Required

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		70 Cumulative quantity received				
		71 Cumulative quantity ordered				
		72 Cumulative quantity received end of prior year				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+70:2000:C62'

DTM

Date/Time/Period - cumulative quantity

Pos: 0380	Max: 1
Conditional	
Group: 16	Elements: 1

Loop Path: Group 6-Group 12-Group 16

User Option (Usage): Optional

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		51 Cumulative quantity start date				
		52 Cumulative quantity end date				
DTM010-020	2380	Date or time or period text	C	an	1/35	Optional
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+51:20150101:102'

Segment Group 16

Pos: 0390	Repeat: 3
Conditional	
Group: 16	Elements: N/A

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: information about last goods receipts

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0400	QTY	Quantity - last goods receipts	M	1	Required
0410	DTM	Date/Time/Period - last goods receipts	C	1	Required
0420		Segment Group 17	C	99	Optional

QTY

Quantity - last goods receipts

Pos: 0400	Max: 1
Mandatory	
Group: 16	Elements: 1

Loop Path: Group 6-Group 12-Group 16

User Option (Usage): Required

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		194 Received and accepted				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+194:500:C62'

DTM

Date/Time/Period - last goods receipts

Pos: 0410	Max: 1
Conditional	
Group: 16	Elements: 1

Loop Path: Group 6-Group 12-Group 16

User Option (Usage): Required

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		50 Goods receipt date/time				
DTM010-020	2380	Date or time or period text	C	an	1/35	Optional
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+50:201507170000:203'

Segment Group 17

Pos: 0420	Repeat: 99
Conditional	
Group: 17	Elements: N/A

Loop Path: Group 6-Group 12-Group 16

User Option (Usage): Optional

Function: Reference numbers for last goods receipts

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0430	RFF	Reference	M	1	Required
0440	DTM	Date/Time/Period - reference document	C	2	Optional

RFF

Reference

Pos: 0430	Max: 1
Mandatory	
Group: 17	Elements: 1

Loop Path: Group 6-Group 12-Group 16-Group 17

User Option (Usage): Required

Function: To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	Reference	M	Comp		Required
RFF010-010	1153	Reference code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		AAK Despatch advice number				
		AAU Despatch note number				
RFF010-020	1154	Reference identifier	C	an	1/70	Required
RFF010-030	1156	Document line identifier	C	an	1/6	Optional
RFF010-040	4000	Reference version identifier	C	an	1/35	Not used
RFF010-050	1060	Revision identifier	C	an	1/6	Not used

Example:

RFF+AAU:55'

DTM

Date/Time/Period - reference document

Pos: 0440	Max: 2
Conditional	
Group: 17	Elements: 1

Loop Path: Group 6-Group 12-Group 16-Group 17

User Option (Usage): Optional

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		171 Reference date/time				
DTM010-020	2380	Date or time or period text	C	an	1/35	Optional
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+171:20150714:102'

Segment Group 16

Pos: 0450	Repeat: 2
Conditional	
Group: 16	Elements: N/A

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: Delivery balance quantity (backlog or over shipment)

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0460	QTY	Quantity - delivery balance	M	1	Required

QTY Quantity - delivery balance

Pos: 0460	Max: 1
Mandatory	
Group: 16	Elements: 1

Loop Path: Group 6-Group 12-Group 16

User Option (Usage): Required

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		83 Backorder quantity				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+83:0:C62'

Segment Group 18

Pos: 0470	Repeat: 999
Conditional	
Group: 18	Elements: N/A

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: schedules positions/forecast data

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0480	SCC	Cumulative Authorization for Fabrication and Material	M	1	Required
0490		Segment Group 19	C	999	Optional

SCC

Cumulative Authorization for Fabrication and Material

Pos: 0480	Max: 1
Mandatory	
Group: 18	Elements: 2

Loop Path: Group 6-Group 12-Group 18

User Option (Usage): Required

Function: To specify scheduling conditions.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCC010	4017	Delivery plan commitment level code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		2 Commitment for manufacturing and material				
SCC020	4493	Delivery instruction code	C	an	1/3	Not used

Example:

SCC+2'

Segment Group 19

Pos: 0490	Repeat: 999
Conditional	
Group: 19	Elements: N/A

Loop Path: Group 6-Group 12-Group 18

User Option (Usage): Optional

Function: scheduled quantities

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0500	QTY	Quantity - scheduled	M	1	Required
0510	DTM	Delivery / Shipment dates	C	5	Optional

QTY Quantity - scheduled

Pos: 0500	Max: 1
Mandatory	
Group: 19	Elements: 1

Loop Path: Group 6-Group 12-Group 18-Group 19

User Option (Usage): Required

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> 113				
		<u>Name</u> Quantity to be delivered (approved quantity)				
QTY010-020	6060	Quantity	M	an	1/15	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Magna Usage:

Cumulative fabrication authorization quantity for the period defined in the following DTM's

Example:

QTY+113:560:C62'

DTM Delivery / Shipment dates

Pos: 0510	Max: 5
Conditional	
Group: 19	Elements: 1

Loop Path: Group 6-Group 12-Group 18-Group 19

User Option (Usage): Optional

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		194 Start date/time				
		206 End date/time				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Magna Usage:

DTM+194 = Start date of cumulative quantity calculation

DTM+206 = End date of cumulative quantity calculation

Example:

DTM+206:20151023:102'

DTM+194:20150101:102'

Segment Group 18

Pos: 0520	Repeat: 999
Conditional	
Group: 18	Elements: N/A

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: schedules positions/forecast data

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0530	SCC	Cumulative Authorization for Fabrication and Material	M	1	Required
0540		Segment Group 19	C	999	Optional

SCC

Cumulative Authorization for Fabrication and Material

Pos: 0530	Max: 1
Mandatory	
Group: 18	Elements: 2

Loop Path: Group 6-Group 12-Group 18

User Option (Usage): Required

Function: To specify scheduling conditions.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCC010	4017	Delivery plan commitment level code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		3 Commitment for material				
SCC020	4493	Delivery instruction code	C	an	1/3	Not used

Example:

SCC+3'

Segment Group 19

Pos: 0540	Repeat: 999
Conditional	
Group: 19	Elements: N/A

Loop Path: Group 6-Group 12-Group 18

User Option (Usage): Optional

Function: scheduled quantities

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0550	QTY	Quantity - scheduled	M	1	Required
0560	DTM	Delivery / Shipment dates	C	5	Optional

QTY Quantity - scheduled

Pos: 0550	Max: 1
Mandatory	
Group: 19	Elements: 1

Loop Path: Group 6-Group 12-Group 18-Group 19

User Option (Usage): Required

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> 113				
		<u>Name</u> Quantity to be delivered (approved quantity)				
QTY010-020	6060	Quantity	M	an	1/15	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Magna Usage:

Cumulative material authorization quantity for the period defined in the following DTM's

Example:

QTY+113:560:C62'

DTM Delivery / Shipment dates

Pos: 0560	Max: 5
Conditional	
Group: 19	Elements: 1

Loop Path: Group 6-Group 12-Group 18-Group 19

User Option (Usage): Optional

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		194 Start date/time				
		206 End date/time				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Magna Usage:

DTM+194 = Start date of cumulative quantity calculation

DTM+206 = End date of cumulative quantity calculation

Example:

DTM+206:20151023:102'

DTM+194:20150101:102'

Segment Group 18

Pos: 0570	Repeat: 999
Conditional	
Group: 18	Elements: N/A

Loop Path: Group 6-Group 12

User Option (Usage): Optional

Function: schedules positions/forecast data

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0580	SCC	Scheduling Conditions	M	1	Required
0590		Segment Group 19	C	999	Optional

SCC Scheduling Conditions

Pos: 0580	Max: 1
Mandatory	
Group: 18	Elements: 2

Loop Path: Group 6-Group 12-Group 18

User Option (Usage): Required

Function: To specify scheduling conditions.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
SCC010	4017	Delivery plan commitment level code	M	an	1/3	Required								
Description: <i>Code 10 Immediate demand needs to be used in combination with SG19.QTY+84</i> <i>It has to be considered as additional demand which has not been considered in previous forecasts.</i>														
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>1</td><td>Firm</td></tr><tr><td>4</td><td>Planning/forecast</td></tr><tr><td>10</td><td>Immediate</td></tr></table>							<u>Code</u>	<u>Name</u>	1	Firm	4	Planning/forecast	10	Immediate
<u>Code</u>	<u>Name</u>													
1	Firm													
4	Planning/forecast													
10	Immediate													
SCC020	4493	Delivery instruction code	C	an	1/3	Not used								

Example:

SCC+10'

Segment Group 19

Pos: 0590	Repeat: 999
Conditional	
Group: 19	Elements: N/A

Loop Path: Group 6-Group 12-Group 18

User Option (Usage): Optional

Function: scheduled quantities

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0600	QTY	Quantity - scheduled	M	1	Required
0610	DTM	Delivery / Shipment dates	C	5	Optional

QTY Quantity - scheduled

Pos: 0600	Max: 1
Mandatory	
Group: 19	Elements: 1

Loop Path: Group 6-Group 12-Group 18-Group 19

User Option (Usage): Required

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		50 Disposition undetermined quantity				
		84 Urgent delivery quantity				
		113 Quantity to be delivered				
QTY010-020	6060	Quantity	M	an	1/15	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+113:560:C62'

DTM Delivery / Shipment dates

Pos: 0610	Max: 5
Conditional	
Group: 19	Elements: 1

Loop Path: Group 6-Group 12-Group 18-Group 19

User Option (Usage): Optional

Function: To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	Date/Time/Period	M	Comp		Required
DTM010-010	2005	Date or time or period function code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		2 Delivery date/time, requested				
		10 Shipment date/time, requested				
		63 Delivery date/time, latest				
		64 Delivery date/time, earliest				
		194 Start date/time				
		206 End date/time				
DTM010-020	2380	Date or time or period text	C	an	1/35	Required
DTM010-030	2379	Date or time or period format code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		102 CCYYMMDD				
		203 CCYYMMDDHHMM				

Example:

DTM+2:19970616:102'

Segment Group 21

Pos: 0620	Repeat: 99
Conditional	
Group: 21	Elements: N/A

Loop Path: Group 6-Group 12
User Option (Usage): Optional
Function: packaging instructions

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Usage</u>
0630	PAC	Package	M	1	Required
0640	QTY	Quantity per package	C	5	Optional

PAC Package

Pos: 0630	Max: 1
Mandatory	
Group: 21	Elements: 4

Loop Path: Group 6-Group 12-Group 21

User Option (Usage): Required

Function: To describe the number and type of packages/physical units.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PAC010	7224	Package quantity	C	n	1/8	Required
PAC020	C531	Packaging details	C	Comp		Optional
PAC020-010	7075	Packaging level code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		1 Inner				
		2 Intermediate				
		3 Outer				
		4 No packaging hierarchy				
PAC020-020	7233	Packaging related description code	C	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		35 Type of package				
		Magna Usage:				
		<i>to be used for main packaging</i>				
		36 Package specifications				
		37 Package protection				
		77 Material wrapping specification				
PAC020-030	7073	Packaging terms and conditions code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		11 Multiple usage buyer's durable				
PAC030	C202	Package type	C	Comp		Required
PAC030-010	7065	Package type description code	C	an	1/17	Required
PAC030-020	1131	Code list identification code	C	an	1/17	Not used
PAC030-030	3055	Code list responsible agency code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		92 Assigned by buyer or buyer's agent				
PAC030-040	7064	Type of packages	C	an	1/35	Not used
PAC040	C402	Package type identification	C	Comp		Optional
PAC040-010	7077	Description format code	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		X Semi-structured (code + text)				
PAC040-020	7064	Type of packages	M	an	1/35	Required
PAC040-030	7143	Item type identification code	C	an	1/3	Optional
		<u>Code</u> <u>Name</u>				
		SA Supplier's article number				
PAC040-040	7064	Type of packages	C	an	1/35	Optional

Description:
package type based on VDA code list

PAC040-050

7143

Item type identification code

C

an

1/3

Not used

Example:
PAC+0++3602107::92'

QTY Quantity per package

Pos: 0640	Max: 5
Conditional	
Group: 21	Elements: 1

Loop Path: Group 6-Group 12-Group 21

User Option (Usage): Optional

Function: To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	Quantity details	M	Comp		Required
QTY010-010	6063	Quantity type code qualifier	M	an	1/3	Required
		<u>Code</u> <u>Name</u>				
		52 Quantity per pack				
QTY010-020	6060	Quantity	M	an	1/35	Required
QTY010-030	6411	Measurement unit code	C	an	1/8	Optional

Description:
referring to UN/ECE Rec. 20

Magna Usage:

- . C62 - one
- . PCE - piece
- . KGM - kilogram
- . LTR - litre
- . MTR - metre
- . MTQ - cubic metre

Example:

QTY+52:250:C62'

UNT

Message trailer

Pos: 0650	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required

Function: To end and check the completeness of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	Number of segments in a message	M	n	1/6	Required
UNT020	0062	Message reference number	M	an	1/14	Required

Example:

UNT+99+1'

UNZ Interchange trailer

Pos: 0660	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Required

Function: To end and check the completeness of an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNZ010	0036	Interchange control count	M	n	1/6	Required
UNZ020	0020	Interchange control reference	M	an	1/14	Required

Example:

UNZ+1+12'

Testfiles & Guidelines

Testfiles and Guidelines can be found on our website
<http://supplyweb.magna.com/downloads/guidelines.htm>

Further Reference

Magna is following the VDA recommendations.
For additional information and detailed process description please see VDA reference documents:

VDA 4984 – Anhang1 DELFOR Guideline Version 1.2 März 2016.pdf
VDA 4984 – Anhang 1 DE.pdf

<https://www.vda.de/de/verband/organisation/organisation-ausschuesse/arbeitskreis-kit/ak-kit-empfehlungen.html>
(German)

VDA 4984 – Annexe1 DELFOR Guideline Version 1.2 March 2016 EN.pdf
VDA 4984 – Annexe 1 EN.pdf

<https://www.vda.de/en/association/organization/organization-committees/working-group-ict-and-edi/ict-and-edi-recommendations.html>
(English)

Support

For support feel free to contact edi.support@magna.com