

# DESADV Despatch Advice Message

## Introduction:

A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

## Notes:

*The following document identifies the AAFES Business Requirements for the Ship Notice/Manifest. This definition contains all data that AAFES will utilize in the processing of this document. All segments marked "RECOMMENDED", and elements marked with "R" are required by AAFES and should always be transmitted. All elements marked "M" are mandatory by the standards. All unmarked segments and elements may be transmitted as necessary in their respective segments.*

*\*\*\* Only one Purchase Order is allowed per Shipment \*\*\**

*For each level in the hierarchical structure, the following segments are expected by AAFES:*

*Shipment = MEA, RFF, NAD, TOD, TDT, EQD, CPS, PAC, MEA*

*Order = CPS, PAC, PCI, RFF, DTM*

*Pack = CPS, PAC, MEA, PCI, GIN*

*Item = LIN, QTY*

*\*\*\* If ORDERS contains case pack information, segment group 20 (PCI, QTY) is required. \*\*\**

*UNA:+.? '*

*UNB+UNOA:3+XXXXXXXXXXXXXXXX:XX+001695568GT:14+081209:0859+01+++++I'*

*UNG+DESADV+XXXXXXXXXXXXXXXX:XX+001695568GT:14+081209:0859+01+UN+D:96A'*

*UNH+001+DESADV:D:96A:UN:EAN008'*

*BGM+351::9+Shipping Number+53'*

*DTM+10:20081209:102'*

*DTM+67:20081210:102'*

*MEA+PD+AAD+KGM:40.979'*

*RFF+BM:8026482'*

*NAD+BY+1463621::92++Aafes Europe/Giessen Distrib.C+Bldg. 219, Oberlachweg 3+Giessen++35394+DE'*

*NAD+ST+1463621::92++Aafes Europe/Giessen Distrib.C+Bldg. 219, Oberlachweg 3+Giessen++35394+DE'*

*NAD+SF+XXXXXXXXXXXXXXXX::9'*

*NAD+ZZZ+XXXXXXXX::92'*

*TOD+5+DF'*

*TDT+20+++3I'*

*EQD+PA'*

*CPS+I'*

*PAC+3++CT'*

*MEA+PD+AAD+KGM:40.979'*

*CPS+2+I'*

*PAC+I'*

*PCI+ZZZ'*

*RFF+ON:0123456789' <----- 10 digit AAFES PO NUMBER*

*DTM+4:20081202:102'*

*CPS+3+2'*

*PAC+1+:52+PK'*

*MEA+PD+LN+CMT:58'*

*MEA+PD+WD+CMT:38'*

*MEA+PD+HT+CMT:78'*

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MEA+PD+AAD+KGM:17.63'

PCI+27'

GIN+BJ+00001234567890123456' <----- 20 digit UCC-128 label number

LIN+1++00012349117021:EN'

QTY+12:12:PCE'

LIN+2++00012349117472:EN'

QTY+12:10:PCE'

LIN+3++00012349140722:EN'

QTY+12:6:PCE'

LIN+4++00012349140777:EN'

QTY+12:12:PCE'

CPS+4+2'

PAC+1+:52+PK'

MEA+PD+LN+CMT:58'

MEA+PD+WD+CMT:38'

MEA+PD+HT+CMT:78'

MEA+PD+AAD+KGM:12.632'

PCI+27'

GIN+BJ+00001234567890123654' <----- 20 digit UCC-128 label number

LIN+5++00012349237118:EN'

QTY+12:6:PCE'

LIN+6++0001239424082:EN'

QTY+12:10:PCE'

CPS+5+2'

PAC+1+:52+PK'

MEA+PD+LN+CMT:58'

MEA+PD+WD+CMT:38'

MEA+PD+HT+CMT:78'

MEA+PD+AAD+KGM:10.717'

PCI+27'

GIN+BJ+00001234567890123564' <----- 20 digit UCC-128 label number

LIN+7++00012349269164:EN'

QTY+12:6:PCE'

LIN+8++00012349627469:EN'

QTY+12:2:PCE'

CNT+1:8'

UNT+63+001'

UNE+1+01'

UNZ+1+01'

### Heading Section:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
8	0005	UNB	Interchange Header	M	1		
10	0008	UNG	Functional Group Header	M	1		
12	0010	UNH	Message Header	M	1		
13	0020	BGM	Beginning of Message	M	1		
14	0030	DTM	Date/Time/Period	C	10		
Not Used	0040	ALI	Additional Information	C	5		
15	0050	MEA	Measurements	C	5		
Not Used	0060	MOA	Monetary Amount	C	5		
	0070		Segment Group 1: RFF-DTM	C		10	
17	0080	RFF	Reference	M	1		
Not Used	0090	DTM	Date/Time/Period	C	1		
	0100		Segment Group 2: NAD-LOC-SG3-SG4	C		10	
19	0110	NAD	Name and Address	M	1		

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Not Used	0120	LOC	Place/Location Identification	C	10
Not Used	0130		Segment Group 3: RFF-DTM	C	10
Not Used	0140	RFF	Reference	M	1
Not Used	0150	DTM	Date/Time/Period	C	1
Not Used	0160		Segment Group 4: CTA-COM	C	10
Not Used	0170	CTA	Contact Information	M	1
Not Used	0180	COM	Communication Contact	C	5
	0190		Segment Group 5: TOD-LOC-FTX	C	10
22	0200	TOD	Terms of Delivery or Transport	M	1
Not Used	0210	LOC	Place/Location Identification	C	5
Not Used	0220	FTX	Free Text	C	5
	0230		Segment Group 6: TDT-PCD-SG7	C	10
24	0240	TDT	Details of Transport	M	1
Not Used	0250	PCD	Percentage Details	C	6
Not Used	0260		Segment Group 7: LOC-DTM	C	10
Not Used	0270	LOC	Place/Location Identification	M	1
Not Used	0280	DTM	Date/Time/Period	C	10
	0290		Segment Group 8: EQD-MEA-SEL-EQA-SG9	C	10
26	0300	EQD	Equipment Details	M	1
Not Used	0310	MEA	Measurements	C	5
Not Used	0320	SEL	Seal Number	C	25
Not Used	0330	EQA	Attached Equipment	C	5
Not Used	0340		Segment Group 9: HAN-FTX	C	10
Not Used	0350	HAN	Handling Instructions	M	1
Not Used	0360	FTX	Free Text	C	10

**Detail Section:**

<u>Page No.</u>	<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>
	0370		Segment Group 10: CPS-FTX-SG11-SG15	C		1	
28	0380	CPS	Consignment Packing Sequence	M	1		
Not Used	0390	FTX	Free Text	C	5		
	0400		Segment Group 11: PAC-MEA-QTY-SG12-SG13	C		1	
30	0410	PAC	Package	M	1		
31	0420	MEA	Measurements	C	10		
Not Used	0430	QTY	Quantity	C	10		
Not Used	0440		Segment Group 12: HAN-FTX	C		10	
Not Used	0450	HAN	Handling Instructions	M	1		
Not Used	0460	FTX	Free Text	C	10		
Not Used	0470		Segment Group 13: PCI-RFF-DTM-GIR-SG14	C		1000	
Not Used	0480	PCI	Package Identification	M	1		
Not Used	0490	RFF	Reference	C	1		
Not Used	0500	DTM	Date/Time/Period	C	5		
Not Used	0510	GIR	Related Identification Numbers	C	99		
Not Used	0520		Segment Group 14: GIN-DLM	C		99	
Not Used	0530	GIN	Goods Identity Number	M	1		
Not Used	0540	DLM	Delivery Limitations	C	10		
Not Used	0550		Segment Group 15: LIN-PIA-IMD-MEA-QTY-	C		9999	

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ALI-GIN-GIR-DLM-DTM-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23						
Not Used	0560	LIN	Line Item	M		1
Not Used	0570	PIA	Additional Product Id	C		10
Not Used	0580	IMD	Item Description	C		25
Not Used	0590	MEA	Measurements	C		10
Not Used	0600	QTY	Quantity	C		10
Not Used	0610	ALI	Additional Information	C		10
Not Used	0620	GIN	Goods Identity Number	C		100
Not Used	0630	GIR	Related Identification Numbers	C		100
Not Used	0640	DLM	Delivery Limitations	C		100
Not Used	0650	DTM	Date/Time/Period	C		5
Not Used	0660	FTX	Free Text	C		5
Not Used	0670	MOA	Monetary Amount	C		5
Not Used	0680		Segment Group 16: RFF-DTM	C		10
Not Used	0690	RFF	Reference	M		1
Not Used	0700	DTM	Date/Time/Period	C		1
Not Used	0710		Segment Group 17: DGS-QTY-FTX	C		10
Not Used	0720	DGS	Dangerous Goods	M		1
Not Used	0730	QTY	Quantity	C		1
Not Used	0740	FTX	Free Text	C		5
Not Used	0750		Segment Group 18: LOC-NAD-DTM-QTY	C		100
Not Used	0760	LOC	Place/Location Identification	M		1
Not Used	0770	NAD	Name and Address	C		1
Not Used	0780	DTM	Date/Time/Period	C		1
Not Used	0790	QTY	Quantity	C		10
Not Used	0800		Segment Group 19: SGP-QTY	C		1000
Not Used	0810	SGP	Split Goods Placement	M		1
Not Used	0820	QTY	Quantity	C		10
Not Used	0830		Segment Group 20: PCI-DTM-MEA-QTY-SG21-SG22	C		9999
Not Used	0840	PCI	Package Identification	M		1
Not Used	0850	DTM	Date/Time/Period	C		5
Not Used	0860	MEA	Measurements	C		10
Not Used	0870	QTY	Quantity	C		1
Not Used	0880		Segment Group 21: GIN-DLM	C		10
Not Used	0890	GIN	Goods Identity Number	M		1
Not Used	0900	DLM	Delivery Limitations	C		100
Not Used	0910		Segment Group 22: HAN-FTX-GIN	C		10
Not Used	0920	HAN	Handling Instructions	M		1
Not Used	0930	FTX	Free Text	C		5
Not Used	0940	GIN	Goods Identity Number	C		1000
Not Used	0950		Segment Group 23: QVR-DTM	C		10
Not Used	0960	QVR	Quantity Variances	M		1
Not Used	0970	DTM	Date/Time/Period	C		5
	0370		Segment Group 10: CPS-FTX-SG11-SG15	C		1
33	0380	CPS	Consignment Packing Sequence	M		1
Not Used	0390	FTX	Free Text	C		5
	0400		Segment Group 11: PAC-MEA-QTY-SG12-SG13	C		1

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35	0410	PAC	Package	M	1
Not Used	0420	MEA	Measurements	C	10
Not Used	0430	QTY	Quantity	C	10
Not Used	0440		Segment Group 12: HAN-FTX	C	10
Not Used	0450	HAN	Handling Instructions	M	1
Not Used	0460	FTX	Free Text	C	10
	0470		Segment Group 13: PCI-RFF-DTM-GIR-SG14	C	1000
37	0480	PCI	Package Identification	M	1
38	0490	RFF	Reference	C	1
39	0500	DTM	Date/Time/Period	C	5
Not Used	0510	GIR	Related Identification Numbers	C	99
Not Used	0520		Segment Group 14: GIN-DLM	C	99
Not Used	0530	GIN	Goods Identity Number	M	1
Not Used	0540	DLM	Delivery Limitations	C	10
Not Used	0550		Segment Group 15: LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23	C	9999
Not Used	0560	LIN	Line Item	M	1
Not Used	0570	PIA	Additional Product Id	C	10
Not Used	0580	IMD	Item Description	C	25
Not Used	0590	MEA	Measurements	C	10
Not Used	0600	QTY	Quantity	C	10
Not Used	0610	ALI	Additional Information	C	10
Not Used	0620	GIN	Goods Identity Number	C	100
Not Used	0630	GIR	Related Identification Numbers	C	100
Not Used	0640	DLM	Delivery Limitations	C	100
Not Used	0650	DTM	Date/Time/Period	C	5
Not Used	0660	FTX	Free Text	C	5
Not Used	0670	MOA	Monetary Amount	C	5
Not Used	0680		Segment Group 16: RFF-DTM	C	10
Not Used	0690	RFF	Reference	M	1
Not Used	0700	DTM	Date/Time/Period	C	1
Not Used	0710		Segment Group 17: DGS-QTY-FTX	C	10
Not Used	0720	DGS	Dangerous Goods	M	1
Not Used	0730	QTY	Quantity	C	1
Not Used	0740	FTX	Free Text	C	5
Not Used	0750		Segment Group 18: LOC-NAD-DTM-QTY	C	100
Not Used	0760	LOC	Place/Location Identification	M	1
Not Used	0770	NAD	Name and Address	C	1
Not Used	0780	DTM	Date/Time/Period	C	1
Not Used	0790	QTY	Quantity	C	10
Not Used	0800		Segment Group 19: SGP-QTY	C	1000
Not Used	0810	SGP	Split Goods Placement	M	1
Not Used	0820	QTY	Quantity	C	10
Not Used	0830		Segment Group 20: PCI-DTM-MEA-QTY-SG21-SG22	C	9999
Not Used	0840	PCI	Package Identification	M	1
Not Used	0850	DTM	Date/Time/Period	C	5
Not Used	0860	MEA	Measurements	C	10
Not Used	0870	QTY	Quantity	C	1

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Not Used	0880		Segment Group 21: GIN-DLM	C	10
Not Used	0890	GIN	Goods Identity Number	M	1
Not Used	0900	DLM	Delivery Limitations	C	100
Not Used	0910		Segment Group 22: HAN-FTX-GIN	C	10
Not Used	0920	HAN	Handling Instructions	M	1
Not Used	0930	FTX	Free Text	C	5
Not Used	0940	GIN	Goods Identity Number	C	1000
Not Used	0950		Segment Group 23: QVR-DTM	C	10
Not Used	0960	QVR	Quantity Variances	M	1
Not Used	0970	DTM	Date/Time/Period	C	5
	0370		Segment Group 10: CPS-FTX-SG11-SG15	C	9999
41	0380	CPS	Consignment Packing Sequence	M	1
Not Used	0390	FTX	Free Text	C	5
	0400		Segment Group 11: PAC-MEA-QTY-SG12-SG13	C	1
43	0410	PAC	Package	M	1
44	0420	MEA	Measurements	C	10
Not Used	0430	QTY	Quantity	C	10
Not Used	0440		Segment Group 12: HAN-FTX	C	10
Not Used	0450	HAN	Handling Instructions	M	1
Not Used	0460	FTX	Free Text	C	10
	0470		Segment Group 13: PCI-RFF-DTM-GIR-SG14	C	1000
46	0480	PCI	Package Identification	M	1
Not Used	0490	RFF	Reference	C	1
Not Used	0500	DTM	Date/Time/Period	C	5
Not Used	0510	GIR	Related Identification Numbers	C	99
	0520		Segment Group 14: GIN-DLM	C	99
48	0530	GIN	Goods Identity Number	M	1
Not Used	0540	DLM	Delivery Limitations	C	10
	0550		Segment Group 15: LIN-PIA-IMD-MEA-QTY-ALI-GIN-GIR-DLM-DTM-FTX-MOA-SG16-SG17-SG18-SG19-SG20-SG23	C	9999
50	0560	LIN	Line Item	M	1
Not Used	0570	PIA	Additional Product Id	C	10
51	0580	IMD	Item Description	C	25
Not Used	0590	MEA	Measurements	C	10
52	0600	QTY	Quantity	C	10
Not Used	0610	ALI	Additional Information	C	10
Not Used	0620	GIN	Goods Identity Number	C	100
Not Used	0630	GIR	Related Identification Numbers	C	100
Not Used	0640	DLM	Delivery Limitations	C	100
Not Used	0650	DTM	Date/Time/Period	C	5
Not Used	0660	FTX	Free Text	C	5
Not Used	0670	MOA	Monetary Amount	C	5
Not Used	0680		Segment Group 16: RFF-DTM	C	10
Not Used	0690	RFF	Reference	M	1
Not Used	0700	DTM	Date/Time/Period	C	1
Not Used	0710		Segment Group 17: DGS-QTY-FTX	C	10
Not Used	0720	DGS	Dangerous Goods	M	1
Not Used	0730	QTY	Quantity	C	1

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Not Used	0740	FTX	Free Text	C	5
<b>Segment Group 18: LOC-NAD-DTM-QTY</b>					
Not Used	0750		Place/Location Identification	M	1
Not Used	0760	LOC	Place/Location Identification	M	1
Not Used	0770	NAD	Name and Address	C	1
Not Used	0780	DTM	Date/Time/Period	C	1
Not Used	0790	QTY	Quantity	C	10
<b>Segment Group 19: SGP-QTY</b>					
Not Used	0800		Split Goods Placement	M	1
Not Used	0810	SGP	Split Goods Placement	M	1
Not Used	0820	QTY	Quantity	C	10
<b>Segment Group 20: PCI-DTM-MEA-QTY-SG21-SG22</b>					
54	0840	PCI	Package Identification	M	1
Not Used	0850	DTM	Date/Time/Period	C	5
Not Used	0860	MEA	Measurements	C	10
55	0870	QTY	Quantity	C	1
<b>Segment Group 21: GIN-DLM</b>					
Not Used	0880		Goods Identity Number	M	1
Not Used	0890	GIN	Goods Identity Number	M	1
Not Used	0900	DLM	Delivery Limitations	C	100
<b>Segment Group 22: HAN-FTX-GIN</b>					
Not Used	0910		Handling Instructions	M	1
Not Used	0920	HAN	Handling Instructions	M	1
Not Used	0930	FTX	Free Text	C	5
Not Used	0940	GIN	Goods Identity Number	C	1000
<b>Segment Group 23: QVR-DTM</b>					
Not Used	0950		Quantity Variances	M	1
Not Used	0960	QVR	Quantity Variances	M	1
Not Used	0970	DTM	Date/Time/Period	C	5

**Summary Section:**

<u>Page No.</u>	<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>
56	0980	CNT	Control Total	C	5		
57	0990	UNT	Message Trailer	M	1		
58	1000	UNE	Functional Group Trailer	M	1		
59	1010	UNZ	Interchange Trailer	M	1		

**Segment:** **UNB** Interchange Header  
**Position:** 0005  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To start, identify and specify an interchange  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	S001		<b>SYNTAX IDENTIFIER</b>	M
			Identification of the agency controlling the syntax and indication of syntax level.	
M		0001	<b>Syntax identifier</b>	M a4
			Coded identification of the agency controlling a syntax and syntax level used in an interchange. Refer to D.96A Data Element Dictionary for acceptable code values.	
M		0002	<b>Syntax version number</b>	M n1
			Version number of the syntax identified in the syntax identifier (0001).	
M	S002		<b>INTERCHANGE SENDER</b>	M
			Identification of the sender of the interchange.	
M		0004	<b>Sender identification</b>	M an..35
			Name or coded representation of the sender of a data interchange.	
		0007	<b>Partner identification code qualifier</b>	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.	
			1 DUNS (Dun & Bradstreet)	
			9 DUNS with 4 digit suffix	
			12 Telephone number	
			14 EAN (European Article Numbering Association)	
		0008	<b>Address for reverse routing</b>	C an..14
			Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.	
M	S003		<b>INTERCHANGE RECIPIENT</b>	M
			Identification of the recipient of the interchange.	
M		0010	<b>Recipient identification</b>	M an..35
			Name or coded representation of the recipient of a data interchange.	
			<i>001695568GP for Production</i>	
			<i>001695568GT for Test</i>	
		0007	<b>Partner identification code qualifier</b>	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.	
			14 EAN (European Article Numbering Association)	
		0014	<b>Routing address</b>	C an..14
			Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.	
M	S004		<b>DATE AND TIME OF PREPARATION</b>	M
			Date and time of preparation of the interchange.	



<b>M</b>	<b>0017</b>	<b>Date of preparation</b>	<b>M n6</b>
		Local date when an interchange or a functional group was prepared.	
		<i>Date in YYMMDD format, Eg. January 17, 2005 050117</i>	
<b>M</b>	<b>0019</b>	<b>Time of preparation</b>	<b>M n4</b>
		Local time of day when an interchange or a functional group was prepared.	
		<i>Time in 24 hour-clock format, Eg. 3:30 p.m. is presented as 1530</i>	
<b>M</b>	<b>0020</b>	<b>INTERCHANGE CONTROL REFERENCE</b>	<b>M an..14</b>
		Unique reference assigned by the sender to an interchange.	
		<i>Same as UNZ02 DE0020</i>	
	<b>0035</b>	<b>TEST INDICATOR</b>	<b>C n1</b>
		Indication that the interchange is a test.	
		Refer to D.96A Data Element Dictionary for acceptable code values.	

**Segment:** **UNG** Functional Group Header  
**Position:** 0008  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To head, identify and specify a Functional Group  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*This Segment is Mandatory. Please advise AAFES if your company would like to receive a CONTRL file acknowledging at the group level.*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0038	<b>FUNCTIONAL GROUP IDENTIFICATION</b> Identification of the one type of messages in a functional group.	M an..6
M	S006	<b>APPLICATION SENDER IDENTIFICATION</b> Identification of the sender's division, department etc. from which a group of messages is sent.	M
M	0040	<b>Application sender identification</b> Name or code identifying the originating division, department etc. within the sender's organization.	M an..35
	0007	<b>Partner identification code qualifier</b> Qualifier referring to the source of codes for the identifiers of interchanging partners.	C an..4
		1 DUNS (Dun & Bradstreet)	
		9 DUNS with 4 digit suffix	
		12 Telephone number	
		14 EAN (European Article Numbering Association)	
M	S007	<b>APPLICATION RECIPIENTS IDENTIFICATION</b> Identification of the recipient's division, department etc. for which a group of messages is intended.	M
M	0044	<b>Application recipient's identification</b> Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.	M an..35
		<i>001695568GP for Production</i>	
		<i>001695568GT for Test</i>	
	0007	<b>Partner identification code qualifier</b> Qualifier referring to the source of codes for the identifiers of interchanging partners.	C an..4
		14 EAN (European Article Numbering Association)	
M	S004	<b>DATE AND TIME OF PREPARATION</b> Date and time of preparation of the interchange.	M
M	0017	<b>Date of preparation</b> Local date when an interchange or a functional group was prepared.	M n6
M	0019	<b>Time of preparation</b> Local time of day when an interchange or a functional group was prepared.	M n4
M	0048	<b>FUNCTIONAL GROUP REFERENCE NUMBER</b> Reference number for the functional group assigned by and unique within the sender's division, department etc.	M an..14
		<i>Same as UNE02 DE 0048</i>	
M	0051	<b>CONTROLLING AGENCY</b> Code identifying the agency controlling the specification, maintenance and	M an..2

publication of the message type.

UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)  
UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

<b>M</b>	<b>S008</b>	<b>MESSAGE VERSION</b>	<b>M</b>
		Specification of the type of messages in the functional group.	
<b>M</b>	<b>0052</b>	<b>Message type version number</b>	<b>M an..3</b>
		Version number of a message type.	
		"D"	
<b>M</b>	<b>0054</b>	<b>Message type release number</b>	<b>M an..3</b>
		Release number within the current message type version number (0052).	
		"96A"	
	<b>0057</b>	<b>Association assigned code</b>	<b>C an..6</b>
		Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	
		"EAN008"	

**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 Despatch advice message is DESADV.  
 Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:  
 Data element 0065 DESADV 0052 D 0054 96A 0051 UN

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*  
 UNH+001+DESADV:D:96A:UN:EAN008'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	<b>M an..14</b>
M	S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	<b>M</b>
M		<b>0065</b>	<b>Message type identifier</b> Code identifying a type of message and assigned by its controlling agency. DESADV Despatch advice message A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message.	<b>M an..6</b>
M		<b>0052</b>	<b>Message type version number</b> Version number of a message type. "D"	<b>M an..3</b>
M		<b>0054</b>	<b>Message type release number</b> Release number within the current message type version number (0052). "96A"	<b>M an..3</b>
M		<b>0051</b>	<b>Controlling agency</b> Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM) UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	<b>M an..2</b>
		<b>0057</b>	<b>Association assigned code</b> Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. "EAN008"	<b>C an..6</b>

**Segment:** **BGM** Beginning of Message  
**Position:** 0020  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for unique identification of the Despatch Advice document, by means of its name and its number.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*

*Test*  
*BGM+351::9+Shipping Number+53'*

*Production*  
*BGM+351::9+Shipping Number+9'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
<b>C002</b>		<b>DOCUMENT/MESSAGE NAME</b>	<b>C</b>
		Identification of a type of document/message by code or name. Code preferred.	
	<b>1001</b>	<b>Document/message name, coded</b>	<b>C an..3</b>
		Document/message identifier expressed in code. 351 Despatch advice Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.	
<b>1004</b>	<b>3055</b>	<b>Code list responsible agency, coded</b>	<b>C an..3</b>
		Code identifying the agency responsible for a code list. 9 EAN (International Article Numbering association)	
<b>1225</b>		<b>DOCUMENT/MESSAGE NUMBER</b>	<b>C an..35</b>
		Reference number assigned to the document/message by the issuer.	
		<i>Ship Notice number</i>	
<b>1225</b>		<b>MESSAGE FUNCTION, CODED</b>	<b>C an..3</b>
		Code indicating the function of the message. 9 Original Initial transmission related to a given transaction.	
		53 Test Code indicating the message is to be considered as a test.	

**Segment:** **DTM** Date/Time/Period  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*i. If DTM 2005 equals "10", then DTM 2379 must equals "102" and DTM 2380 must equals "CCYYMMDD format"*

*ii. If DTM 2005 equals "67", then DTM 2379 must equals "203" and DTM 2380 must equals "CCYYMMDDHHMM format"*

*AAFES expected Code 10 and 67 in DTM 2005 for all DESADV Transactions.*

*For example:*

*DTM+10:20080422:102'*

*DTM+67:200809101158:203'*

**Data Element Summary**

	<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>
M	<b>C507</b>		<b>DATE/TIME/PERIOD</b>	<b>M</b>
			Date and/or time, or period relevant to the specified date/time/period type.	
M		<b>2005</b>	<b>Date/time/period qualifier</b>	<b>M an..3</b>
			Code giving specific meaning to a date, time or period.	
		10	Shipment date/time, requested	
			Date on which goods should be shipped or despatched by the supplier.	
		67	Delivery date/time, current schedule	
			Delivery Date deriving from actual schedule.	
		<b>2380</b>	<b>Date/time/period</b>	<b>C an..35</b>
			The value of a date, a date and time, a time or of a period in a specified representation.	
		<b>2379</b>	<b>Date/time/period format qualifier</b>	<b>C an..3</b>
			Specification of the representation of a date, a date and time or of a period.	
		102	CCYYMMDD	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	
		203	CCYYMMDDHHMM	
			Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.	

**Segment:** **MEA** Measurements  
**Position:** 0050  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 5  
**Purpose:** A segment specifying the weight and volume of the consignment.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*For example:*  
 MEA+PD+AAD+KGM:40.979'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6311		<b>MEASUREMENT APPLICATION QUALIFIER</b> Specification of the application of the physical measurement used. PD Physical dimensions (product ordered) Specified measurement dimensions refer to physical dimensions of a product, material or package.	<b>M an..3</b>
	C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	<b>C</b>
		6313	<b>Measurement dimension, coded</b> Specification of the type of dimension to be measured. AAD Total gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	<b>C an..3</b>
	C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum tolerances in that order.	<b>C</b>
M		6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>KGM = Kilogram</i> <i>PN = Pound Net</i>	<b>M an..3</b>
		6314	<b>Measurement value</b> Value of the measured unit.	<b>C n..18</b>
	7383		<b>SURFACE/LAYER INDICATOR, CODED</b> Code indicating the surface or layer of a product that is being described. Refer to D.96A Data Element Dictionary for acceptable code values.	<b>C an..3</b>

**Group:** **RFF** Segment Group 1: Reference  
**Position:** 0070  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 10  
**Purpose:** A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

**Segment Summary**

	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0080	RFF	Reference	M	1	



**Segment:** **RFF** Reference  
**Position:** 0080 (Trigger Segment)  
**Group:** Segment Group 1 (Reference) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*  
*RFF+BM:1234567890'*

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		<b>REFERENCE</b> Identification of a reference.	<b>M</b>
M		<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number.	<b>M an..3</b>
			BM Bill of lading number Reference number assigned to a bill of lading, see: 1001 = 705.	
			CN Carrier's reference number Reference number assigned by carrier to a consignment.	
		<b>1154</b>	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>

**Group:** **NAD** Segment Group 2: Name and Address  
**Position:** 0100  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

**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	0110	NAD	Name and Address	M	1	

**Segment:** **NAD** Name and Address  
**Position:** 0110 (Trigger Segment)  
**Group:** Segment Group 2 (Name and Address) Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.  
 It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*For example:*  
 NAD+BY+1463621::92++Aafes Europe/Giessen Distrib.C+Bldg. 219, Oberlachweg  
 3+Giessen++35394+DE'  
 NAD+ST+1463621::92++Aafes Europe/Giessen Distrib.C+Bldg. 219, Oberlachweg  
 3+Giessen++35394+DE'  
 NAD+SF+XXXXXXXXXXXXXXX::9'  
 NAD+ZZZ+XXXXXXXX::92'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		<b>PARTY QUALIFIER</b> Code giving specific meaning to a party.	M an..3
		BY	Buyer (3002) Party to which merchandise is sold.	
		SF	Ship from Identification of the party from where goods will be or have been shipped.	
		ST	Ship to Identification of the party to where goods will be or have been shipped.	
		ZZZ	Mutually defined Party specification mutually agreed between interchanging parties. <i>for Mark For location</i>	
	C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C
M	3039		<b>Party id. identification</b> Code identifying a party involved in a transaction.	M an..35
	3055		<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	C an..3
		9	EAN (International Article Numbering association)	
		16	DUNS (Dun & Bradstreet)	
		92	Assigned by buyer or buyer's agent	
	C080		<b>PARTY NAME</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.	C
M	3036		<b>Party name</b> Name of a party involved in a transaction.	M an..35

	<b>C059</b>	<b>STREET</b>	<b>C</b>
		Street address and/or PO Box number in a structured address: one to three lines.	
<b>M</b>	<b>3042</b>	<b>Street and number/p.o. box</b>	<b>M an..35</b>
		Street and number in plain language, or Post Office Box No.	
	<b>3164</b>	<b>CITY NAME</b>	<b>C an..35</b>
		Name of a city (a town, a village) for addressing purposes.	
	<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C an..9</b>
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	
	<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C an..9</b>
		Code defining postal zones or addresses.	
	<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C an..3</b>
		Identification of the name of a country or other geographical entity as specified in ISO 3166.	

**Group:** **TOD** Segment Group 5: Terms of Delivery or Transport  
**Position:** 0190  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** A group of segments indicating terms of delivery.

**Segment Summary**

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0200	TOD	Terms of Delivery or Transport	M	1	

**Segment:** **TOD** **Terms of Delivery or Transport**  
**Position:** 0200 (Trigger Segment)  
**Group:** Segment Group 5 (Terms of Delivery or Transport) Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment indicating the terms of delivery and transfer for the whole despatch advice.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*For example:*  
*TOD+5+DF'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4055		<b>TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED</b> Indication whether the terms relate to e.g. price conditions, delivery conditions, transport conditions, or a combination of these. 5 Transport condition Specifies the conditions under which the transport takes place under the responsibility of the carrier.	C an..3
4215		<b>TRANSPORT CHARGES METHOD OF PAYMENT, CODED</b> Identification of method of payment for transport charges. CA Advance collect The amount of freight or other charge on a shipment advanced by one transportation line to another or to the shipper, to be collected from consignee. CC Collect A shipment on which freight charges will be paid by consignee. DF Defined by buyer and seller PC Prepaid but charged to customer shipping charges have been paid in advance of shipment but are charged back to consignee usually as line item on invoice for the purchased goods. PP Prepaid (by seller) Seller of goods makes payment to carrier for freight charges prior to shipment.	C an..3
C100		<b>TERMS OF DELIVERY OR TRANSPORT</b> Terms of delivery or transport code from a specified source.	C
	4053	<b>Terms of delivery or transport, coded</b> Identification of the terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.	C an..3
	4052	<b>Terms of delivery or transport</b> Terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.	C an..70
	4052	<b>Terms of delivery or transport</b> Terms agreed between two parties (e.g. seller/buyer, shipper/carrier) under which a product or service is provided.	C an..70

**Group:** **TDT** Segment Group 6: Details of Transport  
**Position:** 0230  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

**Segment Summary**

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0240	TDT	Details of Transport	M	1	

**Segment:** **TDT** Details of Transport  
**Position:** 0240 (Trigger Segment)  
**Group:** Segment Group 6 (Details of Transport) Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying the carriage, and the mode and means of transport of the goods being despatched.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:  
TDT+20+++31'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	8051	<b>TRANSPORT STAGE QUALIFIER</b> Qualifier giving a specific meaning to the transport details. 20 Main-carriage transport The primary stage in the movement of cargo from the point of origin to the intended destination.	<b>M an..3</b>
	8028	<b>CONVEYANCE REFERENCE NUMBER</b> Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term). <i>Bill of Lading Number</i>	<b>C an..17</b>
	C228	<b>TRANSPORT MEANS</b> Code and/or name identifying the type of means of transport.	<b>C</b>
	8179	<b>Type of means of transport identification</b> Code defining the type of the means of transport being utilized. 6 Aircraft 11 Ship 25 Rail express Description to be provided. 31 Truck 38 Car Car.	<b>C an..8</b>
	C040	<b>CARRIER</b> Identification of a carrier by code and/or by name. Code preferred.	<b>C</b>
	3127	<b>Carrier identification</b> Identification of party undertaking or arranging transport of goods between named points.	<b>C an..17</b>
	1131	<b>Code list qualifier</b> Identification of a code list. 172 Carrier code	<b>C an..3</b>
	3128	<b>Carrier name</b> Name of party undertaking or arranging transport of goods between named points.	<b>C an..35</b>



**Group:** **EQD** Segment Group 8: Equipment Details  
**Position:** 0290  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** A group of segments providing information relative to the equipment used for the transportation of goods relevant to the whole despatch advice.

**Segment Summary**

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0300	EQD	Equipment Details	M	1	

**Segment:** **EQD** **Equipment Details**  
**Position:** 0300 (Trigger Segment)  
**Group:** Segment Group 8 (Equipment Details)      Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to define fixed information regarding equipment used in conjunction with the whole despatch advice, and if required, to indicate responsibility for supply of the equipment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:  
EQD+PA'*

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	8053		<b>EQUIPMENT QUALIFIER</b> Code identifying type of equipment.	<b>M an..3</b>
		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.	
		PA	Pallet A platform on which goods can be stacked in order to facilitate the movement by a forklift or sling.	
	<b>C237</b>		<b>EQUIPMENT IDENTIFICATION</b> Marks (letters and/or numbers) identifying equipment used for transport such as a container.	<b>C</b>
		<b>8260</b>	<b>Equipment identification number</b> Marks (letters and/or numbers) which identify equipment e.g. unit load device.	<b>C an..17</b>
		<b>3055</b>	<b>Code list responsible agency, coded</b> Code identifying the agency responsible for a code list.	<b>C an..3</b>
		92	Assigned by buyer or buyer's agent	
	<b>C224</b>		<b>EQUIPMENT SIZE AND TYPE</b> Code and/or name identifying size and type of equipment used in transport. Code preferred.	<b>C</b>
		<b>8155</b>	<b>Equipment size and type identification</b> Coded description of the size and type of equipment e.g. unit load device.	<b>C an..10</b>
		<b>8154</b>	<b>Equipment size and type</b> Plain language description of the size and type of equipment e.g. unit load device.	<b>C an..35</b>

**Group:** **CPS** Segment Group 10: Consignment Packing Sequence - SHIPMENT  
**LEVEL**  
**Position:** 0370  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0380	CPS	Consignment Packing Sequence	M	1	
	0400		Segment Group 11: Package	C		1

**Segment:** **CPS** Consignment Packing Sequence  
**Position:** 0380 (Trigger Segment)  
**Group:** Segment Group 10 (Consignment Packing Sequence - SHIPMENT LEVEL)  
 Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:  
 CPS+1'*

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7164		<b>HIERARCHICAL ID. NUMBER</b> A unique number assigned by the sender to identify a level within a hierarchical structure.	<b>M an..12</b>
	7166		<b>HIERARCHICAL PARENT ID.</b> Identification number of the next higher hierarchical data segment in a hierarchical structure.	<b>C an..12</b>

**Group:** **PAC** Segment Group 11: Package  
**Position:** 0400  
**Group:** Segment Group 10 (Consignment Packing Sequence - SHIPMENT LEVEL)  
 Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

**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	0410	PAC	Package	M	1	
Must Use	0420	MEA	Measurements	C	10	

**Segment:** **PAC** Package  
**Position:** 0410 (Trigger Segment)  
**Group:** Segment Group 11 (Package)      Conditional (Required)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*  
*PAC+3++CT'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
7224		<b>NUMBER OF PACKAGES</b>	<b>C n..8</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
C202		<b>PACKAGE TYPE</b>	<b>C</b>
		Type of package by name or by code from a specified source.	
	7065	<b>Type of packages identification</b>	<b>C an..17</b>
		Coded description of the form in which goods are presented.	

**Segment:** **MEA** Measurements  
**Position:** 0420  
**Group:** Segment Group 11 (Package) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** A segment specifying physical measurements of the packages/physical units described in the PAC segment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*  
 MEA+PD+AAD+KGM:40.979'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	6311		<b>MEASUREMENT APPLICATION QUALIFIER</b> Specification of the application of the physical measurement used. PD Physical dimensions (product ordered) Specified measurement dimensions refer to physical dimensions of a product, material or package.	<b>M an..3</b>
	C502		<b>MEASUREMENT DETAILS</b> Identification of measurement type.	<b>C</b>
		6313	<b>Measurement dimension, coded</b> Specification of the type of dimension to be measured. AAD Total gross weight [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	<b>C an..3</b>
		6321	<b>Measurement significance, coded</b> Code specifying the significance of a measurement value. 4 Equal to	<b>C an..3</b>
	C174		<b>VALUE/RANGE</b> Measurement value and relevant minimum and maximum tolerances in that order.	<b>C</b>
M		6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>KGM = Kilogram</i> <i>PN = Pound Net</i>	<b>M an..3</b>
		6314	<b>Measurement value</b> Value of the measured unit.	<b>C n..18</b>

**Group:** **CPS** Segment Group 10: Consignment Packing Sequence - ORDER LEVEL  
**Position:** 0370  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0380	CPS	Consignment Packing Sequence	M	1	
	0400		Segment Group 11: Package	C		1



**Segment:** **CPS** Consignment Packing Sequence  
**Position:** 0380 (Trigger Segment)  
**Group:** Segment Group 10 (Consignment Packing Sequence - ORDER LEVEL) Conditional  
 (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:  
 CPS+2+1'*

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7164		<b>HIERARCHICAL ID. NUMBER</b> A unique number assigned by the sender to identify a level within a hierarchical structure.	<b>M an..12</b>
	7166		<b>HIERARCHICAL PARENT ID.</b> Identification number of the next higher hierarchical data segment in a hierarchical structure.	<b>C an..12</b>

**Group:** **PAC** Segment Group 11: Package  
**Position:** 0400  
**Group:** Segment Group 10 (Consignment Packing Sequence - ORDER LEVEL) Conditional  
 (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

**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	0410	PAC	Package	M	1	
	0470		Segment Group 13: Package Identification	C		1000

**Segment:** **PAC** Package  
**Position:** 0410 (Trigger Segment)  
**Group:** Segment Group 11 (Package) Conditional (Required)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:  
 PAC+1'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
7224		<b>NUMBER OF PACKAGES</b>	<b>C n..8</b>
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	
C202		<b>PACKAGE TYPE</b>	<b>C</b>
		Type of package by name or by code from a specified source.	
	7065	<b>Type of packages identification</b>	<b>C an..17</b>
		Coded description of the form in which goods are presented.	

**Group:** **PCI** Segment Group 13: Package Identification  
**Position:** 0470  
**Group:** Segment Group 11 (Package) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 1000  
**Purpose:** A group of segments specifying markings, labels, and packing numbers.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0480	PCI	Package Identification	M	1	
Must Use	0490	RFF	Reference	C	1	
Must Use	0500	DTM	Date/Time/Period	C	5	

**Segment:** **PCI** Package Identification  
**Position:** 0480 (Trigger Segment)  
**Group:** Segment Group 13 (Package Identification) Conditional (Required)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example;  
 PCI+ZZZ'*

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
R	4233		<b>MARKING INSTRUCTIONS, CODED</b> Code indicating instructions on how specified packages or physical units should be marked. <i>ZZZ</i> Mutually defined	<b>C an..3</b>

**Segment:** **RFF** Reference  
**Position:** 0490  
**Group:** Segment Group 13 (Package Identification) Conditional (Required)  
**Level:** 4  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment for referencing the package identification e.g. master label number.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*For example:*  
**RFF+ON:0123456789' <----- 10 digit AAFES PO NUMBER**

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		<b>REFERENCE</b> Identification of a reference.	<b>M</b>
M		<b>1153</b>	<b>Reference qualifier</b> Code giving specific meaning to a reference segment or a reference number. ON Order number (purchase) [1022] Reference number assigned by the buyer to an order.	<b>M an..3</b>
		<b>1154</b>	<b>Reference number</b> Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	<b>C an..35</b>

**Segment:** **DTM** Date/Time/Period  
**Position:** 0500  
**Group:** Segment Group 13 (Package Identification) Conditional (Required)  
**Level:** 4  
**Usage:** Conditional (Required)  
**Max Use:** 5  
**Purpose:** A segment for specifying date/time/period related to the document referenced.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*For example:*  
 DTM+4:20081202:102'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507		<b>DATE/TIME/PERIOD</b> Date and/or time, or period relevant to the specified date/time/period type.	M
M		2005	<b>Date/time/period qualifier</b> Code giving specific meaning to a date, time or period. 4 Order date/time [2010] Date when an order is issued.	M an..3
		2380	<b>Date/time/period</b> The value of a date, a date and time, a time or of a period in a specified representation.	C an..35

**Group:** **CPS** Segment Group 10: Consignment Packing Sequence - PACKAGE AND  
**ITEM LEVEL**  
**Position:** 0370  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 9999  
**Purpose:** A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0380	CPS	Consignment Packing Sequence	M	1	
	0400		Segment Group 11: Package	C		1
	0550		Segment Group 15: Line Item	C		9999



**Segment:** **CPS** Consignment Packing Sequence  
**Position:** 0380 (Trigger Segment)  
**Group:** Segment Group 10 (Consignment Packing Sequence - PACKAGE AND ITEM LEVEL)  
 Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:  
 CPS+3+2'*

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7164		<b>HIERARCHICAL ID. NUMBER</b> A unique number assigned by the sender to identify a level within a hierarchical structure.	<b>M an..12</b>
	7166		<b>HIERARCHICAL PARENT ID.</b> Identification number of the next higher hierarchical data segment in a hierarchical structure.	<b>C an..12</b>

**Group:** **PAC** Segment Group 11: Package  
**Position:** 0400  
**Group:** Segment Group 10 (Consignment Packing Sequence - PACKAGE AND ITEM LEVEL)  
 Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0410	PAC	Package	M	1	
Must Use	0420	MEA	Measurements	C	10	
	0470		Segment Group 13: Package Identification	C		1000

**Segment:** **PAC Package**  
**Position:** 0410 (Trigger Segment)  
**Group:** Segment Group 11 (Package)      Conditional (Required)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*  
`PAC+1+:52+PK'`

**Data Element Summary**

	<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>
	7224		<b>NUMBER OF PACKAGES</b> Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	C n..8
	C531		<b>PACKAGING DETAILS</b> Packaging level and details, terms and conditions.	C
X		7075	<b>Packaging level, coded</b> Refer to D.96A Data Element Dictionary for acceptable code values.	C an..3
		7233	<b>Packaging related information, coded</b> Code giving packaging, handling and marking related information. 52 Package barcoded UCC or EAN-128 The package is barcoded with UCC or EAN-128 code.	C an..3
	C202		<b>PACKAGE TYPE</b> Type of package by name or by code from a specified source.	C
		7065	<b>Type of packages identification</b> Coded description of the form in which goods are presented.	C an..17

**Segment:** **MEA** Measurements  
**Position:** 0420  
**Group:** Segment Group 11 (Package) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** A segment specifying physical measurements of the packages/physical units described in the PAC segment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*  
 MEA+PD+LN+CMT:58'  
 MEA+PD+WD+CMT:38'  
 MEA+PD+HT+CMT:78'  
 MEA+PD+AAD+KGM:17.63'

**Data Element Summary**

Data Element	Component Element	Name		Attributes
		Element	Name	
M	6311		<b>MEASUREMENT APPLICATION QUALIFIER</b>	<b>M an..3</b>
			Specification of the application of the physical measurement used.	
		PD	Physical dimensions (product ordered)	
			Specified measurement dimensions refer to physical dimensions of a product, material or package.	
	C502		<b>MEASUREMENT DETAILS</b>	<b>C</b>
			Identification of measurement type.	
	6313		<b>Measurement dimension, coded</b>	<b>C an..3</b>
			Specification of the type of dimension to be measured.	
		AAD	Total gross weight	
			[6292] Weight (mass) of goods including packing but excluding the carrier's equipment.	
		HT	Height dimension	
			Numeric value of height.	
		LN	Length dimension	
			(6168) Length of pieces or packages stated for transport purposes.	
		WD	Width dimension	
			Numeric value of width.	
	C174		<b>VALUE/RANGE</b>	<b>C</b>
			Measurement value and relevant minimum and maximum tolerances in that order.	
M	6411		<b>Measure unit qualifier</b>	<b>M an..3</b>
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	
			<i>KGM = Kilogram</i>	
			<i>PN = Pound Net</i>	
			<i>CMT = Centimetre</i>	
			<i>INH = Inch</i>	
			<i>FOT = Foot</i>	
	6314		<b>Measurement value</b>	<b>C n..18</b>
			Value of the measured unit.	

**Group:** **PCI** Segment Group 13: Package Identification  
**Position:** 0470  
**Group:** Segment Group 11 (Package) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 1000  
**Purpose:** A group of segments specifying markings, labels, and packing numbers.

**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	0480	PCI	Package Identification	M	1	
	0520		Segment Group 14: Goods Identity Number	C		99

**Segment:** **PCI** Package Identification  
**Position:** 0480 (Trigger Segment)  
**Group:** Segment Group 13 (Package Identification) Conditional (Required)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:  
 PCI+27'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4233		<b>MARKING INSTRUCTIONS, CODED</b>	<b>C an..3</b>
		Code indicating instructions on how specified packages or physical units should be marked.	
	27	Uniform Code Council (UCC) format	
		Markings according to UCC format are required. System of coding products where by each item/multipack case type is uniquely identified. A unique manufacturer Id is assigned by the UCC.	

**Group:** **GIN** Segment Group 14: Goods Identity Number  
**Position:** 0520  
**Group:** Segment Group 13 (Package Identification) Conditional (Required)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 99  
**Purpose:** A group of segments giving package identification numbers and, where relevant, delivery limitation information.

**Segment Summary**

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0530	GIN	Goods Identity Number	M	1	

**Segment:** **GIN** Goods Identity Number  
**Position:** 0530 (Trigger Segment)  
**Group:** Segment Group 14 (Goods Identity Number) Conditional (Optional)  
**Level:** 4  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment providing the identity numbers of packages being despatched.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*Must be UCC-128 Label number (20 digits)*

*UCC-128 Label number must be unique.*

*For example:*  
*GIN+BJ+00001234567890123456' <----- 20 digit UCC-128 label number*

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7405		<b>IDENTITY NUMBER QUALIFIER</b> Code specifying the type/source of identity number. BJ Serial shipping container code Serial code uniquely identifying a shipping container.	M an..3
M	C208		<b>IDENTITY NUMBER RANGE</b> Goods item identification numbers, start and end of consecutively numbered range.	M
M		7402	<b>Identity number</b> A value given to an object for identification purposes.	M an..35
		7402	<b>Identity number</b> A value given to an object for identification purposes.	C an..35



**Group:** **LIN** Segment Group 15: Line Item  
**Position:** 0550  
**Group:** Segment Group 10 (Consignment Packing Sequence - PACKAGE AND ITEM LEVEL)  
 Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 9999  
**Purpose:** A group of segments providing details of the individual despatched items.

**Segment Summary**

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	0560	LIN	Line Item	M	1	
	0580	IMD	Item Description	C	25	
Must Use	0600	QTY	Quantity	C	10	
	0830		Segment Group 20: Package Identification	C		9999

**Segment:** **LIN** Line Item  
**Position:** 0560 (Trigger Segment)  
**Group:** Segment Group 15 (Line Item) Conditional (Required)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the product being despatched.  
 All other segments in the detail section following the LIN segment refer to that line item.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*  
 LIN+1++00012349117021:EN'

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
1082		<b>LINE ITEM NUMBER</b> Serial number designating each separate item within a series of articles.	C n..6
C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C
	7140	<b>Item number</b> A number allocated to a group or item.	C an..35
	7143	<b>Item number type, coded</b> Identification of the type of item number.	C an..3
	AH	UPC (Universal Product Code) Consumer package code (1-5-5) An 11-digit code that uniquely identifies consumer packaging of a product; does not have a check digit.	
	AL	UPC (Universal Product Code) Shipping container code (1-2-5- 5) A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator.	
	EN	International Article Numbering Association (EAN) Number assigned to a manufacturer's product according to the International Article Numbering Association.	
	IB	ISBN (International Standard Book Number)	
	UA	Ultimate customer's article number Number assigned by ultimate customer to identify relevant article.	
	UP	UPC (Universal product code) Number assigned to a manufacturer's product by the Product Code Council.	
	ZZZ	Mutually defined	
		<i>U.P.C./EAN Case Code (2-5-5)</i>	

**Segment:** **IMD** Item Description  
**Position:** 0580  
**Group:** Segment Group 15 (Line Item) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 25  
**Purpose:** A segment for describing the product being despatched. This segment should be used for products that cannot be identified by a product code or article number.

**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
7077		<b>ITEM DESCRIPTION TYPE, CODED</b> Code indicating the format of a description. F Free-form	C an..3
C273		<b>ITEM DESCRIPTION</b> Description of an item.	C
	7009	<b>Item description identification</b> Code from an industry code list which provides specific data about a product characteristic.	C an..17
	7008	<b>Item description</b> Plain language description of articles or products.	C an..35
	7008	<b>Item description</b> Plain language description of articles or products.	C an..35

**Segment:** **QTY** Quantity  
**Position:** 0600  
**Group:** Segment Group 15 (Line Item) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Required)  
**Max Use:** 10  
**Purpose:** A segment to give quantity information concerning the product.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

For example:  
QTY+12:12:PCE'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		<b>QUANTITY DETAILS</b> Quantity information in a transaction, qualified when relevant.	M
M		6063	<b>Quantity qualifier</b> Code giving specific meaning to a quantity. 12 Despatch quantity Quantity despatched by the seller.	M an..3
M		6060	<b>Quantity</b> Numeric value of a quantity.	M n..15
R		6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. <i>PCE = Each</i> <i>CS = Case</i>	C an..3

**Group:** **PCI** Segment Group 20: Package Identification  
**Position:** 0830  
**Group:** Segment Group 15 (Line Item) Conditional (Required)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 9999  
**Purpose:** A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.

**Segment Summary**

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0840	PCI	Package Identification	M	1	
	0870	QTY	Quantity	C	1	

**Segment:** **PCI** Package Identification  
**Position:** 0840 (Trigger Segment)  
**Group:** Segment Group 20 (Package Identification) Conditional (Optional)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying marking and labels used on individual packages or a range of packages.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*PCI+29'*

**Data Element Summary**

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
4233		MARKING INSTRUCTIONS, CODED	C an..3
		Code indicating instructions on how specified packages or physical units should be marked.	
	29	Mark case number	
		Case numbers to be used for marking.	
		<i>case pack number</i>	

**Segment:** **QTY** Quantity  
**Position:** 0870  
**Group:** Segment Group 20 (Package Identification) Conditional (Optional)  
**Level:** 4  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to specify quantity per package.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** QTY+52:12:PCE'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C186		<b>QUANTITY DETAILS</b> Quantity information in a transaction, qualified when relevant.	M
M		6063	<b>Quantity qualifier</b> Code giving specific meaning to a quantity. 52 Quantity per pack	M an..3
M		6060	<b>Quantity</b> Numeric value of a quantity.	M n..15
		6411	<b>Measure unit qualifier</b> Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C an..3
<i>PCE = Each</i>				

**Segment:** **CNT** Control Total  
**Position:** 0980  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 5  
**Purpose:** A segment by which control totals may be provided by sender for checking by the receiver.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:*  
 CNT+2:8'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C270		<b>CONTROL</b>	<b>M</b>
			Control total for checking integrity of a message or part of a message.	
M		<b>6069</b>	<b>Control qualifier</b>	<b>M an..3</b>
			Determines the source data elements in the message which forms the basis for 6066 Control value.	
			2 Number of line items in message	
M		<b>6066</b>	<b>Control value</b>	<b>M n..18</b>
			Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).	



**Segment:** **UNT** Message Trailer  
**Position:** 0990  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

**Dependency Notes:**

**Semantic Notes:**

**Comments:**

**Notes:**

*For example:  
 UNT+62+001'*

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0074		<b>NUMBER OF SEGMENTS IN A MESSAGE</b> Control count of number of segments in a message.	M n..6
M	0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.	M an..14

**Segment:** **UNE** Functional Group Trailer  
**Position:** 1000  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of a Functional Group  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0060		<b>NUMBER OF MESSAGES</b> A count of the number of messages in a functional group.	M n..6
M	0048		<b>FUNCTIONAL GROUP REFERENCE NUMBER</b> Reference number for the functional group assigned by and unique within the sender's division, department etc. <i>Same as UNG05 DE 0048</i>	M an..14

**Segment:** **UNZ Interchange Trailer**  
**Position:** 1010  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check the completeness of an interchange.  
**Dependency Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0036		<b>INTERCHANGE CONTROL COUNT</b> Count either of the number of messages or, if used, of the number of functional groups in an interchange.	M n..6
M	0020		<b>INTERCHANGE CONTROL REFERENCE</b> Unique reference assigned by the sender to an interchange.	M an..14
			<i>Same as UNB05 DE 0020</i>	