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**ISO/CD 16033 Ophthalmic optics and instruments — Information interchange for commercial transactions in the field of Ophthalmic optics — Part 2: Semifinished and Stocked Lenses**

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## 1 Interface description

### *Ophthalmic Purchase Order Semifinished Lenses*

Three groups of data make up the Order. In the table below, each data group is identified by a label (« ENT », « GEN », ...)

- « ENT » The header,
- « GEN » The Generic Order Line
- « R20 » The summary. Optional Order Footer.

The data below is presented according to an actual interface application structure between your management domain and the EDI domain.

## European Message data identification for Optical Industry Ordering

## Description of Header line

Data No.	M/O 1	Data Name	Segment and Qualifier <sup>2</sup>	Type <sup>3</sup>	Length <sup>4</sup>	Conditional data	Commentary
1	M	Id record		AN	3		Header identification = « ENT »
2	O	Interchange No.	UNB	AN	..14		This data is generated by the senders software.
272	O	Test indicator	UNB	AN	1		« 0 or blank » = This is an actual order, « 1 » = This is a test order
3	M	Emitter Software Code	UNB	AN	..14		Issuing software identification. Only in upper case.  ABC.XXX  AMERICANOP.XXX  APOLLO.XXX

<sup>1</sup> M = Mandatory, O = Optional, C = Conditional

<sup>2</sup> « : » = data qualifier, « with » = segment qualifier

<sup>3</sup> AN = Alphanumeric, N = Numeric

<sup>4</sup> n = fixed length, ..n = up to n characters

							ASPE.XXX
							CIBA.XXX
							CODIR.XXX
							CRISTALLIN.XXX
							ESSILOR.XXX
							EXEC.XXX
							IFA.XXX
							INDO.XXX
							INFO.XXX
							ISS.XXX
							KARSTADT.XXX
							LEONARD.XXX
							LOH.XXX
							OCS.XXX
							OPSYS.XXX
							OPTIMUM.XXX
							OPTOVISION.XXX
							RODENSTOCK.XXX
							RUPP.XXX
							STRATEMEYER.XXX

						<p>WECO.XXX</p> <p>WETZLICHT.XXX</p> <p>ZEISS.XXX</p> <p>Make sure the version N° is added to the name of the software.</p> <p>For example, version 123 of « UNTEL » software (UNTEL.123) generated an incorrect effective diameter figure but this problem has been fully corrected as from version 210 (UNTEL.210).</p> <p>The list is not exhaustive.</p>
4	M	Order No.	BGM with 105	AN	..15	<p>This is the buyer's order number, generally assigned by his software. Not to be confused with the supplier's order number.</p> <p>This order number must be retained in the supplier's management applications.</p> <p>It will then be given in all the other Messages in the « Order Pack » to enable the buyer to automate his own EDP processing.</p>
6	M	Date of Order	DTM with 4	N	12	<p>In format CCYYMMDDHHMM. Example :</p> <p>199510151620 = 15 October 1995, 16.20 hours</p>
280	M	Preparation date	UNB	N	8	<p>Generated by customer EDI software.</p>

							Format CCYYMMDD issued of UNB Segment.
281	M	Preparation time	UNB	N	4		Format HHMM
7	O	General Comment	FTX with AAG	AN	..70		<u>Note</u> , this field cannot be automatically processed. Therefore, this data is only a comment and will result in human intervention.
8	M	Order originator	NAD with BY	AN	..14		Order originator code
234	C	Order originator code qualifier	NAD : 167 NAD : 100	AN	..3	DATA 8	« 167 » Intracommunity VAT code in Europe, « 100 » Supplier's Customer Code assigned by the supplier
11	M	Supplier	NAD with SU	AN	..14		Supplier Code
235	C	Supplier code qualifier	NAD : 167 NAD : 100	AN	..3	DATA 11	« 167 » Intracommunity VAT code in Europe, « 100 » Supplier Code
12	O	Ship To	NAD with ST	AN	..14		Given if different from the usual buyer or Ship To (default). This information applies to the whole of the order.
236	C	Ship To, code qualifier	NAD : 167 NAD : 100	AN	..3	DATA 12	« 167 » Intracommunity VAT code in Europe, « 100 » Supplier's Ship To, Customer Code assigned by the supplier
337	O	Trucker	NAD with CA	AN	..35		Trucker name (only in upper case)
13	O	Invoice To	NAD with AA	AN	..14		Given if different from the usual Invoice To. This information applies to the whole of the order.  This data is particularly useful when a customer has several billing accounts with the



							supplier. These different accounts generally correspond to different commercial terms.
237	C	Invoice To, code qualifier	NAD : 167 NAD : 100	AN	..3	DATA 13	« 167 » Intracommunity VAT code in Europe, « 100 » Supplier's Invoice To, Customer Code
14	O	Paid By	NAD with PL	AN	..14		Given if different from the usual Paid By. This information applies to the whole of the order.
238	C	Paid By, code qualifier	NAD : 167 NAD : 100	AN	..3	DATA 14	« 167 » Intracommunity VAT code in Europe, « 100 » Supplier's Paid By Customer Code
15	O	« Address » of Message	NAD with IB	AN	..14		<p>Message address System Address if it has to go through that. (Group for exemple)</p> <p><u>First example :</u></p> <p>If orders addressed to Suppliers have to be first sent to the Optician's Group and the Group does not consolidate orders from its members (« ricochet » mode), it is the Group identifier which appears here, on leaving the Optician.</p> <p><u>Second example :</u></p> <p>If « Supplier » sets up a single order processing location in Germany for the whole of Europe, the supplier code will be that of « Supplier » Germany for German customers, « Supplier » Denmark for Danish customers,...However, data #15 will always contain the German location identifier.</p> <p>This is a « network » data.</p>

239	C	Message Intermediary code qualifier	NAD : 167  NAD : 100	AN	..3	DATA 15	« 167 » Intracommunity VAT code in Europe,  « 100 » Supplier's Message Intermediary Customer Code
16	O	Currency	CUX with 2	AN	..3		Reference currency for the whole of the order. National interchanges are default labelled in national currency.  Table ISO4217 of currencies on 3 Alphanumerics

## Description of product line

Data No.	M/O 5	Data Name	Segment and Qualifier <sup>6</sup>	Type <sup>7</sup>	Length <sup>8</sup>	Conditional data	Commentary
18	M	Id record		AN	3		Generic Line identification = « GEN »
19	M	Order line No.	LIN	N	6		<p>Note that the line No. must be unique. The combination of buyer order No. + buyer order line No. authorizes :</p> <ol style="list-style-type: none"> <li>1. a check on the order uniqueness at the supplier's premises</li> <li>2. storage of this information by the supplier, who will restore this data for the following Interchanges which he will transmit for the attention of his customer.</li> </ol> <p>So that Buyers can process the Messages automatically :</p> <p style="padding-left: 40px;">Response to the Order,</p> <p style="padding-left: 40px;">Status of Orders</p> <p style="padding-left: 40px;">Shipping note,</p>

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<sup>5</sup> M = Mandatory, O = Optional, C = Conditional

<sup>6</sup> « : » = data qualifier, « with » = segment qualifier

<sup>7</sup> AN = Alphanumeric, N = Numeric

<sup>8</sup> n = fixed length, ..n = up to n characters

							Invoicing Suppliers must store the order numbers and order line numbers so that they can easily be restored
261	M	Type of Line	RFF with FI	AN	1		« 1 » = Lens, RX, stock « 5 » = Semifinished
262	O	Origin of Return, Breakage, Replacement Order	RFF with ABO	AN	1		« 1 » = Customer error « 2 » = Supplier error
263	C	Reason for Return, Breakage, Replacement Order	RFF with SZ	AN	..2	DATA 262	According to the EDP Applications. However, the codes transmitted in the Message must be approved by the supplier.
264	C	Original order No.	RFF with OP	AN	..15	DATA 262	Buyer's initial order number
265	C	Date/time of original order	DTM with 171	N	12	DATA 262	In format :CCYYMMDDHHMM
21	M	Item code  (it allows full identification of the item ordered)	LIN  or PIA	AN	.. 35		<ul style="list-style-type: none"> <li>• OPC code = 10 alphanumerics (lenses)</li> <li>• supplier's owner code until 35 alphanumerics</li> <li>• JAN 13</li> </ul>
22	M	Code qualifier	LIN  or  PIA	AN	..3	DATA 21	« OP » = OPC code « SA » = Supplier code « JP » = JAN13

342	O	Semifinished Lens : Eye Reference	CAV when CCI with ADK and SER	AN	1		« 1 » = Right, « 2 » = Left, else = Single vision
23	O	Item Name, 1st line	IMD with F and 8	AN	..30		Data #23 to #341 are not given if the item identification is unambiguous.  In other cases they should be given
24	C	Name, 2nd line	IMD with F and 8	AN	..30	DATA 23 != ' '	
36	O	Extra No. 1 Type Code	CCI with ADI	AN	..3		« 35 »= Standard Tint, « 36 »= Special Tint, « 56 »= Special manufacture « 72 »= Vacuum treatment « 73 »= Coating, ...
37	C	Extra No. 1 Code	CCI with ADI	AN	..6	DATA 81	Manufacturer-based
240	O	Lens surface	MEA with ST	AN	..3	DATA 81	« FR » Outer face « IN » Inner face
38	O	Name of Extra No. 1	CAV	AN	..30	DATA 81	
295	O	Description text special tint	CAV	AN	..30	DATA 81	Needed to order special tint defined by the optician.  For example « ZEISS colour 234 ».  The text is only needed if the client has selected a special tint code.

307	O	Absorption Min	MEA with ST	N	..2	DATA 81	% Needed to order standard or special tint with special absorption
308	O	Absorption Max	MEA with ST	N	..2	DATA 81	%
39	O	Extra No. 2 Type Code	CCI with ADI	AN	..3		« 35 »= Standard Tint, « 36 »= Special Tint, « 56 »= Special manufacture « 72 »= Vacuum treatment « 73 »= Coating, ...
40	C	Extra No. 2 Code	CCI with ADI	AN	..6	DATA 81	Manufacturer-based
241	O	Lens surface	MEA with ST	AN	..3	DATA 81	« FR » Outer face « IN » Inner face
41	O	Name of Extra No. 2	CAV	AN	..30	DATA 81	
296	O	Description text special tint	CAV	AN	..30	DATA 81	Needed to order special tint defined by the optician.  For example « ZEISS colour 234 ».  The text is only needed if the client has selected a special tint code.
309	O	Absorption Min	MEA with ST	N	..2	DATA 81	% Needed to order standard or special tint with special absorption
310	O	Absorption Max	MEA with ST	N	..2	DATA 81	%

42	O	Extra No. 3 Type Code	CCI with ADI	AN	..3		« 35 »= Standard Tint, « 36 »= Special Tint, « 56 »= Special manufacture « 72 »= Vacuum treatment « 73 »= Coating, ...
43	C	Extra No. 3 Code	CCI with ADI	AN	..6	DATA 81	Manufacturer-based
242	O	Lens surface	MEA with ST	AN	..3	DATA 81	« FR » Outer face « IN » Inner face
44	O	Name of Extra No. 3	CAV	AN	..30	DATA 81	
297	O	Description text special tint	CAV	AN	..30	DATA 81	Needed to order special tint defined by the optician.  For example « ZEISS colour 234 ».  The text is only needed if the client has selected a special tint code.
311	O	Absorption Min	MEA with ST	N	..2	DATA 81	%  Needed to order standard or special tint with special absorption
312	O	Absorption Max	MEA with ST	N	..2	DATA 81	%
25	O	Diameter	MEA with AAE when CCI with ABO and ABG	N	4		If the lens is centered, repeat the diameter.  Example: 7070  If the lens is pre-decenterd, follow the basic diameter with the actual diameter .

							Example : 7075
27	O	Sphere	MEA with AAE when CCI with ABO and SPH	N	5		S99V99. Stocked Lens
338	O	Base curve	MEA with AAE when CCI with ABO and BAS	N	5		S99V99. Semifinished Lens
28	O	Cylinder	MEA with AAE when CCI with ABO and CYL	N	5		S99V99. Stocked Lens
29	C	Cylinder Axis	MEA with AAE when CCI with ABO and CLX	N	3	DATA 28	999, value en degrees
30	O	Addition	MEA with AAE when CCI with ABO and ADD	N	4		
339	O	Type of Semifinished lens	CAV when CCI with ADK and TS	AN	1		« 0 » = Unifocal, « 1 » = Bifocal, « 2 » = Trifocal « 3 » = Progressive
340	O	sub code of Semifinished lens	CAV when CCI with ADK and STS	AN	2		see supplier's catalogue
341	O	Semifinished lens index	MEA with AAE when CCI with ABO and SLI	N	4		<u>Example</u> : 1599 for ORMIL (Essilor).....
45	O	Quantity	QTY with 21	N	..6		Quantity ordered



							Packing = « CU » if lense unit « SU » for pair unit.
46	C	Packing	QTY : CU QTY : SU	AN	..2	DATA 45	« CU » = Consumer unit, default value, « SU » = Supply unit.
343	O	Lens material	PIA with 5	N	1		« 1 » = Mineral « 2 » = Organic « 3 » = Composite « 4 » = Polycarb
47	O	Required delivery date	DTM with 2	N	8		CCYYMMDD Example : 19951025
50	O	Base list price	PRI with AAB	N	..15		9(13)V99
51	O	Purchase price net of tax	PRI with AAA	N	..15		9(13)V99

Description of summary line. This record is optional

Data No.	M/O <sup>9</sup>	Data Name	Segment and Qualifier <sup>10</sup>	Type <sup>11</sup>	Length <sup>12</sup>	Conditional data	Commentary
192	O	Id record		AN	3		Summary identification = « R20 »
193	O	Grand Total net of tax	MOA with 116	N	..18		9(16)V99
194	O	Total quantities	CNT with 23	N	..14		

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<sup>9</sup> M = Mandatory, O = Optional, C = Conditional

<sup>10</sup> « : » = data qualifier, « with » = segment qualifier

<sup>11</sup> AN = Alphanumeric, N = Numeric

<sup>12</sup> n = fixed length, ..n = up to n characters

## 2 ORDERS Message implementation Guide

### UNB INTERCHANGE HEADER

Segment N° 0 [M 1]

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
<b>S001</b>	<b>SYNTAX IDENTIFIER</b>	<b>M</b>	<b>M</b>	
0001	SYNTAX IDENTIFIER	M A4	M A4	"UNOC" = UN/ECE level C
0002	SYNTAX VERSION NUMBER	M N1	M N1	value "1"
<b>S002</b>	<b>INTERCHANGE SENDER</b>	<b>M</b>	<b>M</b>	
0004	SENDER IDENTIFICATION	M AN..35	M AN..14	Value = Sender NAD
0007	PARTNER IDENTIFICATION CODE QUAL	C AN..4	- AN..4	
0008	ADDRESS FOR REVERSE ROUTING	C AN..14	- AN..14	
<b>S003</b>	<b>INTERCHANGE RECIPIENT</b>	<b>M</b>	<b>M</b>	
0010	RECIPIENT IDENTIFICATION	M AN..35	M AN..14	Value = Recipient NAD
0007	PARTNER IDENTIFICATION CODE QUAL	C AN..4	- AN..4	
0014	ROUTING ADDRESS	C AN..14	- AN..14	
<b>S004</b>	<b>DATE/TIME OF PREPARATION</b>	<b>M</b>	<b>M</b>	
0017	DATE OF PREPARATION	M N8	M N8	Preparation date
0019	TIME OF PREPARATION	M N4	M N4	Preparation time

<b>0020</b>	<b>INTERCHANGE REFERENCE CONTROL</b>	<b>M AN..14</b>	<b>M AN..14</b>	Interchange N°. This data is generated by the senders software.
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<i>S005</i>	<i>RECIPIENTS REFERENCE PASSWORD</i>	<i>C</i>	<i>-</i>	
<i>0022</i>	<i>RECIPIENT'S REFERENCE/PASSWORD</i>	<i>M AN..14</i>	<i>- AN..14</i>	
<i>0025</i>	<i>RECIPIENT'S REFERENCE/PASSWORD Q</i>	<i>C AN2</i>	<i>- AN2</i>	

<b>0026</b>	<b>APPLICATION REFERENCE</b>	<b>C AN..14</b>	<b>- AN..14</b>	Emitter Software code OCS=OCS, INF=Info Vision, LEO=Leonard, IPR=IPRO, IFA=IFA, EXC=EXEC, ISS=Inf'O Software Solutions
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<i>0029</i>	<i>PROCESSING PRIORITY CODE</i>	<i>C A1</i>	<i>- A1</i>	
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<b>0031</b>	<b>ACKNOWLEDGEMENT REQUEST</b>	<b>C N1</b>	<b>C N1</b>	"1" = CONTRL Message Requested
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<i>0032</i>	<i>COMMUNICATIONS AGREEMENT ID</i>	<i>C AN..35</i>	<i>- AN..35</i>	
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<b>0035</b>	<b>TEST INDICATOR</b>	<b>C N1</b>	<b>C N1</b>	"1" = Interchange is a test "0 or blank" = This is an actual order,
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**Example :**

UNB+UNOC:1+61920085000060+33450670400060+19960105:1054+0000880++++1+1'

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**UNH MESSAGE HEADER**

Segment N° 0 [M 1]

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Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
0062	MESSAGE REFERENCE NUMBER (NUMERO	M AN..14	M AN..14	
S009	MESSAGE IDENTIFIER	M	M	
0065	MESSAGE TYPE IDENTIFIER	M AN..6	M AN..6	"ORDERS" = Purchase order message
0052	MESSAGE TYPE VERSION NUMBER (NUMERO DE V	M AN..3	M AN..3	"D"
0054	MESSAGE TYPE RELEASE NUMBER	M AN..3	M AN..3	"96B"
0051	CONTROLLING AGENCY	M AN..2	M AN..2	"UN" = UN/ECE/TRADE/WP.4, United Nations Standard
0057	ASSOCIATION ASSIGNED CODE	C AN..6	R AN..6	"OPTO33"
0068	COMMON ACCESS REFERENCE (REFERENCE COMMU	C AN..35	- AN..35	
S010	STATUS OF THE TRANSFER	C	-	
0070	SEQUENCE MESSAGE TRANSFER NUMBER	M N..2	- N..2	
0073	FIRST/LAST SEQUENCE MESSAGE TRAN	C A1	- A1	

**Example :**

UNH+3339+ORDERS:D:96B:UN:OPTO33'

**BGM BEGINNING OF MESSAGE**

Segment N° 1 [M 1]

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	<b>C</b>	<b>C</b>	
1001	DOCUMENT/MESSAGE NAME, CODED	C AN..3	C AN..3	"105" = Purchase order
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	
1000	DOCUMENT/MESSAGE NAME	C AN..35	- AN..35	
<b>C106</b>	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>C</b>	<b>R</b>	
1004	DOCUMENT/MESSAGE NUMBER	C AN..35	R AN..15	Order No. Buyer's order No
1056	VERSION	C AN..9	- AN..9	
1060	REVISION NUMBER	C AN..6	- AN..6	
1225	MESSAGE FUNCTION, CODED	C AN..3	- AN..3	
4343	RESPONSE TYPE, CODED	C AN..3	- AN..3	

**Example :****BGM+105+12345'**

**DTM DATE/TIME/PERIOD**

Segment N° 2 [M 1]

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>	
2005	DATE/TIME/PERIOD QUALIFIER	M AN..3	M AN..3	"4" = Order date/time
2380	DATE/TIME/PERIOD	C AN..35	R N12	date of Order in format CCYYMMDDHHMM
2379	DATE/TIME/PERIOD FORMAT QUALIFIER	C AN..3	C AN..3	"203" = CCYYMMDDHHMM

**Example :**

DTM+4:199601041650:203'



**FTX FREE TEXT**

Segment N° 6 [C 1]

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
<b>4451</b>	<b>TEXT SUBJECT QUALIFIER</b>	<b>M AN..3</b>	<b>M AN..3</b>	"AAG" = Party instructions
4453	TEXT FUNCTION, CODED	C AN..3	- AN..3	
C107	TEXT REFERENCE	C	-	
4441	FREE TEXT IDENTIFICATION	M AN..17	- AN..17	
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	
<b>C108</b>	<b>TEXT LITERAL</b>	<b>C</b>	<b>C</b>	
4440	FREE TEXT	M AN..70	M AN..70	General comment.  This field cannot be automatically processed. Therefore, this data is only a comment and will result in human intervention.
4440	FREE TEXT	C AN..70	- AN..70	
4440	FREE TEXT	C AN..70	- AN..70	
4440	FREE TEXT	C AN..70	- AN..70	
4440	FREE TEXT	C AN..70	- AN..70	

3453	LANGUAGE, CODED	C AN..3	- AN..3	
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**Example :**

FTX+AAG+++AVANT 9 HEURES LIVRE:R CHEZ LE PHARMACIEN: A COTE:'

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## NAD NAME AND ADDRESS

Segment N° 9 [M 1], Groupe N° 2 [C 1]

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Function : Order originator

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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3035	PARTY QUALIFIER	M AN..3	M AN..3	"BY" = Buyer
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C082	PARTY IDENTIFICATION DETAILS	C	C	
3039	PARTY ID. IDENTIFICATION	M AN..35	M AN..14	Order originator code
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	Order originator code qualifier "167" = Tax party identification "100" = Supplier's Customer Code
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C058	NAME AND ADDRESS	C	-	
3124	NAME AND ADDRESS LINE	M AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	

C080	PARTY NAME	C	-	
3036	PARTY NAME	M AN..35	- AN..35	

3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3045	PARTY NAME FORMAT, CODED	C AN..3	- AN..3	

C059	STREET	C	-	
3042	STREET AND NUMBER/P.O. BOX	M AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	

3164	CITY NAME	C AN..35	- AN..35	
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3229	COUNTRY IDENTIFICATION	SUB-ENTITY C AN..9	- AN..9	
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3251	POSTCODE IDENTIFICATION	C AN..9	- A2	
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3207	COUNTRY, CODED	C AN..3	- AN..3	
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**Example :**

NAD+BY+33450670400060:167'

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## NAD NAME AND ADDRESS

Segment N° 9 [M 1], Occurrence 2, Groupe N° 2 [C 1]

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Function : **Supplier**

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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3035	PARTY QUALIFIER	M AN..3	M AN..3	"SU" = Supplier
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<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>C</b>	
3039	PARTY ID. IDENTIFICATION	M AN..35	M AN..14	supplier code
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	Supplier code qualifier "167" = Tax party identification "100" = Supplier code.
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C058	NAME AND ADDRESS	C	-	
3124	NAME AND ADDRESS LINE	M AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	

C080	PARTY NAME	C	-	
3036	PARTY NAME	M AN..35	- AN..35	

3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3045	PARTY NAME FORMAT, CODED	C AN..3	- AN..3	

C059	STREET	C	-	
3042	STREET AND NUMBER/P.O. BOX	M AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	

3164	CITY NAME	C AN..35	- AN..35	
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3229	COUNTRY IDENTIFICATION	SUB-ENTITY C AN..9	- AN..9	
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3251	POSTCODE IDENTIFICATION	C AN..9	- AN..9	
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3207	COUNTRY, CODED	C AN..3	- AN..3	
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**Example :**

**NAD+SU+61920085000060:167'**

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**NAD NAME AND ADDRESS**

 Segment N° 9 [M 1], Occurrence 3, Groupe N° 2 [C 1]
 

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**Function :** Ship To

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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3035	PARTY QUALIFIER	M AN..3	M AN..3	"ST" = Ship to
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<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>C</b>	
3039	PARTY ID. IDENTIFICATION	M AN..35	M AN..14	Ship To.  Given if different from the usual buyer or Ship To (default). This information applies to the whole of the order.
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	Ship To, code qualifier  "167" = Tax party identification  "100" = Supplier's Ship To, Customer Code assigned by the supplier
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C058	NAME AND ADDRESS	C	-	
3124	NAME AND ADDRESS LINE	M AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	

3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
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C080	PARTY NAME	C	-	
3036	PARTY NAME	M AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3045	PARTY NAME FORMAT, CODED	C AN..3	- AN..3	

C059	STREET	C	-	
3042	STREET AND NUMBER/P.O. BOX	M AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	

3164	CITY NAME	C AN..35	- AN..35	
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3229	COUNTRY IDENTIFICATION	SUB-ENTITY C AN..9	- AN..9	
------	------------------------	--------------------	---------	--

3251	POSTCODE IDENTIFICATION	C AN..9	- AN..9	
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3207	COUNTRY, CODED	C AN..3	- AN..3	
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**Example :**

**NAD+ST+110124:167'**



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**NAD NAME AND ADDRESS**

 Segment N° 9 [M 1], Occurrence 4, Groupe N° 2 [C 1]
 

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**Function :** Trucker

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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3035	PARTY QUALIFIER	M AN..3	M AN..3	"CA" = Carrier if it is not usual party
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<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>C</b>	
3039	PARTY ID. IDENTIFICATION	M AN..35	M AN..35	
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	C AN..3	

<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C</b>	<b>C</b>	
3124	NAME AND ADDRESS LINE	M AN..35	M AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	

<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>	<b>C</b>	
3036	PARTY NAME	M AN..35	M AN..35	Carrier name (only in upper case)
3036	PARTY NAME	C AN..35	C AN..35	

3036	PARTY NAME	C AN..35	C AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3045	PARTY NAME FORMAT, CODED	C AN..3	C AN..3	

<b>C059</b>	<b>STREET</b>	<b>C</b>	<b>C</b>	
3042	STREET AND NUMBER/P.O. BOX	M AN..35	M AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	

<b>3164</b>	<b>CITY NAME</b>	<b>C AN..35</b>	<b>C AN..35</b>	
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<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C AN..9</b>	<b>C AN..9</b>	
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<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C AN..9</b>	<b>C AN..9</b>	
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<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C AN..3</b>	<b>C AN..3</b>	
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**Example :**

**NAD+CA+++DHL'**

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**NAD NAME AND ADDRESS**

 Segment N° 9 [M 1], Occurrence 5, Groupe N° 2 [C 1]
 

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**Function :** Invoice to

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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3035	PARTY QUALIFIER	M AN..3	M AN..3	"AA" = Party to be billed (AAR Accounting rule, if it is not usual party)
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<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>C</b>	
3039	PARTY ID. IDENTIFICATION	M AN..35	M AN..14	Invoice to Given if different from the usual invoice to. This information applies to the whole of the order
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	Invoice to, code qualifier "167" = Tax party identification "100" = Supplier's Invoice to, customer code
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	C AN..3	

<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C</b>	<b>C</b>	
3124	NAME AND ADDRESS LINE	M AN..35	M AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	

3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
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<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>	<b>C</b>	
3036	PARTY NAME	M AN..35	M AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3045	PARTY NAME FORMAT, CODED	C AN..3	C AN..3	

<b>C059</b>	<b>STREET</b>	<b>C</b>	<b>C</b>	
3042	STREET AND NUMBER/P.O. BOX	M AN..35	M AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	

3164	CITY NAME	C AN..35	C AN..35	
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3229	COUNTRY SUB-ENTITY IDENTIFICATION	C AN..9	C AN..9	
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3251	POSTCODE IDENTIFICATION	C AN..9	C AN..9	
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3207	COUNTRY, CODED	C AN..3	C AN..3	
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**Example :**

**NAD++AA+60069033001400:167'**

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**NAD NAME AND ADDRESS**

 Segment N° 9 [M 1], Occurrence 6, Groupe N° 2 [C 1]
 

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**Function :** Payor

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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3035	PARTY QUALIFIER	M AN..3	M AN..3	"PL" = Payor, if it is not the usual party
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<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>C</b>	
3039	PARTY ID. IDENTIFICATION	M AN..35	M AN..14	Paid by. Given if different from the usual Paid by. This information applies to the whole of the order.
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	Paid by, code qualifier "167"= Tax party identification "100"= Supplier's Paid by Customer code
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	C AN..3	

<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C</b>	<b>C</b>	
3124	NAME AND ADDRESS LINE	M AN..35	M AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	

3124	NAME AND ADDRESS LINE	C AN..35	C AN..35	
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<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>	<b>C</b>	
3036	PARTY NAME	M AN..35	M AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3036	PARTY NAME	C AN..35	C AN..35	
3045	PARTY NAME FORMAT, CODED	C AN..3	C AN..3	

<b>C059</b>	<b>STREET</b>	<b>C</b>	<b>C</b>	
3042	STREET AND NUMBER/P.O. BOX	M AN..35	M AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	C AN..35	

<b>3164</b>	<b>CITY NAME</b>	<b>C AN..35</b>	<b>C AN..35</b>	
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<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C AN..9</b>	<b>C AN..9</b>	
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<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C AN..9</b>	<b>C AN..9</b>	
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<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C AN..3</b>	<b>C AN..3</b>	
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**Example :**

**NAD+PL+60069033001400:167'**

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## NAD NAME AND ADDRESS

Segment N° 9 [M 1], Occurrence 9, Groupe N° 2 [C 1]

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**Function :** "Address" of the Message

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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3035	PARTY QUALIFIER	M AN..3	M AN..3	"IB" = Intermediary / broker
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<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>C</b>	
3039	PARTY ID. IDENTIFICATION	M AN..35	M AN..14	Message addressee System Address.  If it has to go through that (Group for example)
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	Message Intermediary code qualifier  "167" = Tax party identification  "100" = Supplier's Message Intermediary Customer Code
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C058	NAME AND ADDRESS	C	-	
3124	NAME AND ADDRESS LINE	M AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	
3124	NAME AND ADDRESS LINE	C AN..35	- AN..35	

C080	PARTY NAME	C	-	
3036	PARTY NAME	M AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3036	PARTY NAME	C AN..35	- AN..35	
3045	PARTY NAME FORMAT, CODED	C AN..3	- AN..3	

C059	STREET	C	-	
3042	STREET AND NUMBER/P.O. BOX	M AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	- AN..35	

3164	CITY NAME	C AN..35	- AN..35	
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3229	COUNTRY IDENTIFICATION	SUB-ENTITY C AN..9	- AN..9	
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3251	POSTCODE IDENTIFICATION	C AN..9	- AN..9	
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3207	COUNTRY, CODED	C AN..3	- AN..3	
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**Comments :**

This segment is optional

**Example :**

NAD+IB+40623587400020:167'



## CUX CURRENCIES

Segment N° 21 [M 1], Groupe N° 7 [C 1]

**Function :** Reference currency

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C504</b>	<b>CURRENCY DETAILS</b>	<b>C</b>	<b>C</b>	
6347	CURRENCY QUALIFIER DETAILS	M AN..3	M AN..3	"2" = Reference currency
6345	CURRENCY, CODED	C AN..3	C AN..3	Currency. Reference currency for the whole of the order. National interchanges are default labelled in national currency. Table ISO4217 of currencies on 3 Alphanumerics.
6343	CURRENCY QUALIFIER	C AN..3	- AN..3	
6348	CURRENCY RATE BASE	C N..4	- N..4	

<i>C504</i>	<i>CURRENCY DETAILS</i>	<i>C</i>	<i>-</i>	
<i>6347</i>	<i>CURRENCY DETAILS QUALIFIER</i>	<i>M AN..3</i>	<i>- AN..3</i>	
<i>6345</i>	<i>CURRENCY, CODED</i>	<i>C AN..3</i>	<i>- AN..3</i>	
<i>6343</i>	<i>CURRENCY QUALIFIER</i>	<i>C AN..3</i>	<i>- AN..3</i>	
<i>6348</i>	<i>CURRENCY RATE BASE</i>	<i>C N..4</i>	<i>- N..4</i>	

5402	RATE OF EXCHANGE	C N..12	- N..12	
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6341	CURRENCY MARKET EXCHANGE,	C AN..3	- AN..3	
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	<i>CODED</i>			
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**Comments :**

Currency data may be omitted in national applications but will be required for international transactions.

**Example :**

CUX+2:ESP'

**LIN LINE ITEM**

Segment N° 68 [M 1], Groupe N° 25 [C 3392]

**Function :** Description of product line

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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1082	LINE ITEM NUMBER	C N..6	R N..6	Order line No.
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1229	ACTION REQUEST/NOTIFICATION, CODED	C AN..3	- AN..3	
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C212	ITEM NUMBER IDENTIFICATION	C	C	
7140	ITEM NUMBER	C AN..35	C AN..13	OPC number (lens), 10 alphanumerics  supplier's owner code until 35 alphanumerics  JAN13
7143	ITEM NUMBER TYPE, CODED	C AN..3	C AN..3	"OP" = OPC (Optical Product Code)  "JP" = JAN13
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C829	SUB-LINE INFORMATION	C	-	
5495	SUB-LINE INDICATOR, CODED	C AN..3	- AN..3	
1082	LINE ITEM NUMBER	C N..6	- N..6	

1222	CONFIGURATION LEVEL	C N..2	- N..2	
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7083	CONFIGURATION, CODED	C AN..3	- AN..3	
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**Example :**

LIN+10++1234567890:OP'

## PIA ADDITIONAL PRODUCT ID

Segment N° 69 [C 1], Groupe N° 25 [C 3392]

**Function :** If it's not an OPC OR jan/13

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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4347	PRODUCT ID FUNCTION QUALIFIER	M AN..3	M AN..3	"5" = Product identification
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C212	ITEM NUMBER IDENTIFICATION	M	M	
7140	ITEM NUMBER	C AN..35	R AN..35	Item code (Supplier's owner code)
7143	ITEM NUMBER TYPE, CODED	C AN..3	C AN..3	"SA" = Supplier code,
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C212	ITEM NUMBER IDENTIFICATION	C	C	
7140	ITEM NUMBER	C AN..35	C AN..1	Lens material: "1"= mineral "2"= organic "3"= composite "4"= polycarb
7143	ITEM NUMBER TYPE, CODED	C AN..3	- AN..3	
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C212	ITEM NUMBER IDENTIFICATION	C	-	
7140	ITEM NUMBER	C AN..35	- AN..35	
7143	ITEM NUMBER TYPE, CODED	C AN..3	- AN..3	
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C212	ITEM NUMBER IDENTIFICATION	C	-	
7140	ITEM NUMBER	C AN..35	- AN..35	
7143	ITEM NUMBER TYPE, CODED	C AN..3	- AN..3	
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

C212	ITEM NUMBER IDENTIFICATION	C	-	
7140	ITEM NUMBER	C AN..35	- AN..35	
7143	ITEM NUMBER TYPE, CODED	C AN..3	- AN..3	
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	

**Comments :**

If not OPC

**Example :**

PIA+5+690750253687702:SA'

**IMD ITEM DESCRIPTION**

Segment N° 70 [C 1], Groupe N° 25 [C 3392]

**Function :** Item Name

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
7077	ITEM DESCRIPTION TYPE, CODED	C AN..3	C AN..3	"F" = Free-form
7081	ITEM CHARACTERISTIC, CODED	C AN..3	C AN..3	"8" = Product
<b>C273</b>	<b>ITEM DESCRIPTION</b>	<b>C</b>	<b>C</b>	
7009	ITEM DESCRIPTION IDENTIFICATION	C AN..17	- AN..17	
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	
7008	ITEM DESCRIPTION	C AN..35	C AN..30	Item Name, 1st Line
7008	ITEM DESCRIPTION	C AN..35	C AN..30	Item Name, 2nd Line
3453	LANGUAGE, CODED	C AN..3	- AN..3	
7383	SURFACE/LAYER INDICATOR, CODED	C AN..3	- AN..3	

**Example :**

IMD+F+8+:::KRY'S DIFFUSION:GAMME ECO'

**QTY QUANTITY**

Segment N° 72 [R 1], Groupe N° 25 [C 3392]

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
<b>C186</b>	<b>QUANTITY DETAILS</b>	<b>M</b>	<b>M</b>	
6063	QUANTITY QUALIFIER	M AN..3	M AN..3	"21" = Ordered quantity
6060	QUANTITY	M N..15	M N..6	Semifinished lens ordered quantity
6411	MEASURE UNIT QUALIFIER	C AN..3	C AN..2	"CU" Consumer Unit, default value "SU" Supply Unit.

**Example :**

QTY+21:100:SU'



**DTM DATE/TIME/PERIOD**

Segment N° 75 [C 1], Groupe N° 25 [C 3392]

**Function :** required delivery date

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>	
2005	DATE/TIME/PERIOD QUALIFIER	M AN..3	M AN..3	"2" = Delivery date/time, requested
2380	DATE/TIME/PERIOD	C AN..35	C N8	delivery date requested
2379	DATE/TIME/PERIOD FORMAT QUALIFIER	C AN..3	C AN..3	"102" = CCYYMMDD

**Example :**

DTM+2:19960105:102'

**CCI CHARACTERISTIC/CLASS ID**

Segment N° 83 [M 1], Groupe N° 26 [C 999]

**Function :** Measurement

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
7059	PROPERTY CLASS, CODED	C AN..3	- AN..3	
C502	MEASUREMENT DETAILS	C	-	
6313	MEASUREMENT DIMENSION, CODED	C AN..3	- AN..3	
6321	MEASUREMENT SIGNIFICANCE, CODED	C AN..3	- AN..3	
6155	MEASUREMENT IDENTIFICATION ATTRIBUTE	C AN..17	- AN..17	
6154	MEASUREMENT ATTRIBUTE	C AN..70	- AN..70	
<b>C240</b>	<b>PRODUCT CHARACTERISTIC</b>	<b>C</b>	<b>C</b>	
7037	CHARACTERISTIC IDENTIFICATION	M AN..17	M AN..3	"ABO" = Measurement
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	
7036	CHARACTERISTIC	C AN..35	C AN..3	"ABG" = Diameter, "SPH" = Sphere "CYL" = Cylinder, "CLX" = Cylinder axis, "ADD" = Addition "BAS" = Base curve

				"SLI"= Semifinished lens index
7036	CHARACTERISTIC	C AN..35	- AN..35	
4051	CHARACTERISTIC RELEVANCE, CODED	C AN..3	- AN..3	

**Example :**

CCI+++ABO:::ADD'

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**MEA MEASUREMENTS**

 Segment N° 85 [C 1], Groupe N° 26 [C 999]
 

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Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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6311	MEASUREMENT APPLICATION QUALIFIER	M AN..3	M AN..3	"AAE" = Measurement
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C502	MEASUREMENT DETAILS	C	-	
6313	MEASUREMENT DIMENSION, CODED	C AN..3	- AN..3	
6321	MEASUREMENT SIGNIFICANCE, CODED	C AN..3	- AN..3	
6155	MEASUREMENT IDENTIFICATION ATTRIBUTE	C AN..17	- AN..17	
6154	MEASUREMENT ATTRIBUTE	C AN..70	- AN..70	

<b>C174</b>	<b>VALUE/RANGE</b>	<b>C</b>	<b>C</b>	
6411	MEASURE UNIT QUALIFIER	M AN..3	M AN..3	"mm" = Millimeter, "°" = Degree, "DP" = Dioptry. "g" = Gram "l"
6314	MEASUREMENT VALUE	C AN..18	C N..5	Diameter, Sphere, Cylinder, Axis, Addition,

				Base curve, Index
6162	RANGE MINIMUM	C N..18	- N..18	
6152	RANGE MAXIMUM	C N..18	- N..18	
6432	SIGNIFICANT DIGITS	C N..2	- N..2	
7383	SURFACE/LAYER INDICATOR, CODED	C AN..3	- AN..3	

**Example :**

MEA+AAE++DP:3.25'

**CCI CHARACTERISTIC/CLASS ID**

Segment N° 83 [M 1], Occurrence 2, Groupe N° 26 [C 999]

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
7059	PROPERTY CLASS, CODED	C AN..3	C AN..3	
<b>C502</b>	<b>MEASUREMENT DETAILS</b>	<b>C</b>	<b>C</b>	
6313	MEASUREMENT DIMENSION, CODED	C AN..3	C AN..3	
6321	MEASUREMENT SIGNIFICANCE, CODED	C AN..3	C AN..3	
6155	MEASUREMENT ATTRIBUTE IDENTIFICATION	C AN..17	C AN..17	
6154	MEASUREMENT ATTRIBUTE	C AN..70	C AN..70	
<b>C240</b>	<b>PRODUCT CHARACTERISTIC</b>	<b>C</b>	<b>C</b>	
7037	CHARACTERISTIC IDENTIFICATION	M AN..17	M AN..17	"ADK"= Specification value
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	C AN..3	
7036	CHARACTERISTIC	C AN..35	C AN..35	"SER"= Semifinished Lens : Eye Reference  "TS"= Type of Semifinished Lens  "STS"= Sub code of Semifinished Lens

7036	CHARACTERISTIC	C AN..35	C AN..35	
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<b>4051</b>	<b>CHARACTERISTIC RELEVANCE, CODED</b>	<b>C AN..3</b>	<b>C AN..3</b>	
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**CAV CHARACTERISTIC VALUE**

 Segment N° 84 [C 10], Occurrence 2, Groupe N° 26 [C 999]
 

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Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
<b>C889</b>	<b>CHARACTERISTIC VALUE</b>	<b>M</b>	<b>M</b>	
7111	CHARACTERISTIC VALUE, CODED	C AN..3	C AN..3	
1131	CODE LIST QUALIFIER	C AN..3	C AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	C AN..3	
7110	CHARACTERISTIC VALUE	C AN..35	C AN..35	Type of semifinished (DATA#339)  Sub Code of semifinished (DATA#340)  Eye of semifinished (DATA#342)
7110	CHARACTERISTIC VALUE	C AN..35	C AN..35	



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**CCI CHARACTERISTIC/CLASS ID**

 Segment N° 83 [M 1], Occurrence 5, Groupe N° 26 [C 999]
 

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**Function :** Extras (processed)

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
7059	PROPERTY CLASS, CODED	C AN..3	- AN..3	
C502	MEASUREMENT DETAILS	C	-	
6313	MEASUREMENT DIMENSION, CODED	C AN..3	- AN..3	
6321	MEASUREMENT SIGNIFICANCE, CODED	C AN..3	- AN..3	
6155	MEASUREMENT IDENTIFICATION ATTRIBUTE	C AN..17	- AN..17	
6154	MEASUREMENT ATTRIBUTE	C AN..70	- AN..70	
<b>C240</b>	<b>PRODUCT CHARACTERISTIC</b>	<b>C</b>	<b>C</b>	
7037	CHARACTERISTIC IDENTIFICATION	M AN..17	M AN..3	"ADI" = Surface Treatment
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	
7036	CHARACTERISTIC	C AN..35	C AN..3	Extra N° type code
7036	CHARACTERISTIC	C AN..35	C AN..6	Extra code. Manufacturer based
4051	CHARACTERISTIC RELEVANCE, CODED	C AN..3	- AN..3	

**Example :**

CCI+++ADI:::73:181'

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**CAV CHARACTERISTIC VALUE**

Segment N° 84 [C 1], Occurrence 5, Groupe N° 26 [C 999]

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Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C889</b>	<b>CHARACTERISTIC VALUE</b>	<b>M</b>	<b>M</b>	
7111	CHARACTERISTIC VALUE, CODED	C AN..3	- AN..3	
1131	CODE LIST QUALIFIER	C AN..3	- AN..3	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	- AN..3	
7110	CHARACTERISTIC VALUE	C AN..35	C AN..30	Name of Extra
7110	CHARACTERISTIC VALUE	C AN..35	C AN..30	Description text special Tint

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**MEA MEASUREMENTS**

 Segment N° 85 [C 1], Occurrence 5, Groupe N° 26 [C 999]
 

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Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>6311</b>	<b>MEASUREMENT APPLICATION QUALIFIER</b>	<b>M AN..3</b>	<b>M AN..3</b>	"ST" = Surface treatment
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<i>C502</i>	<i>MEASUREMENT DETAILS</i>	<i>C</i>	<i>-</i>	
<i>6313</i>	<i>MEASUREMENT DIMENSION, CODED</i>	<i>C AN..3</i>	<i>- AN..3</i>	
<i>6321</i>	<i>MEASUREMENT SIGNIFICANCE, CODED</i>	<i>C AN..3</i>	<i>- AN..3</i>	
<i>6155</i>	<i>MEASUREMENT IDENTIFICATION ATTRIBUTE</i>	<i>C AN..17</i>	<i>- AN..17</i>	
<i>6154</i>	<i>MEASUREMENT ATTRIBUTE</i>	<i>C AN..70</i>	<i>- AN..70</i>	

<b>C174</b>	<b>VALUE/RANGE</b>	<b>C</b>	<b>C</b>	
6411	MEASURE UNIT QUALIFIER	M AN..3	M AN..3	"%" = percentage
<i>6314</i>	<i>MEASUREMENT VALUE</i>	<i>C AN..18</i>	<i>- AN..18</i>	
6162	RANGE MINIMUM	C N..18	C N..2	Absorption Min
6152	RANGE MAXIMUM	C N..18	C N..2	Absorption Max
<i>6432</i>	<i>SIGNIFICANT DIGITS</i>	<i>C N..2</i>	<i>- N..2</i>	

<b>7383</b>	<b>SURFACE/LAYER INDICATOR, CODED</b>	<b>C AN..3</b>	<b>C AN..3</b>	Lens surface "FR" = Front "IN" = Inside
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**Example :**

MEA+ST+++IN'

MEA+ST++%::25:75'

**PRI PRICE DETAILS**

Segment N° 86 [M 1], Groupe N° 28 [C 2]

**Function :** unit purchase gross price, and net price

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C509</b>	<b>PRICE INFORMATION</b>	<b>C</b>	<b>C</b>	
5125	PRICE QUALIFIER	M AN..3	M AN..3	"AAB" = Calculation gross "AAA" = Calculation net
5118	PRICE	C N..15	N N..15	Unit Price
5375	PRICE TYPE, CODED	C AN..3	- AN..3	
5387	PRICE TYPE QUALIFIER	C AN..3	N AN..3	"GRP" = Gross unit price "NTP" = Net unit price
5284	UNIT PRICE BASIS	C N..9	- N..9	
6411	MEASURE UNIT QUALIFIER	C AN..3	- AN..3	

5213	SUB-LINE PRICE CHANGE, CODED	C AN..3	- AN..3	
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**Example :**

PRI+AAA:125.40::NTP'

**RFF REFERENCE**

Segment N° 91 [M 1], Groupe N° 29 [C 999]

**Function :** Type of line

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>M</b>	
1153	REFERENCE QUALIFIER	M AN..3	M AN..3	"FI" = File line identifier
1154	REFERENCE NUMBER	C AN..35	C AN1	Type of Line "1" = Lens, RX, Stock "5" =Semifinished
1156	LINE NUMBER	C AN..6	- AN..6	
4000	REFERENCE VERSION NUMBER	C AN..35	- AN..35	

**Example :**

RFF+FI:5'

**RFF REFERENCE**

Segment N° 91 [M 1], Occurrence 2, Groupe N° 29 [C 999]

**Function :** Originator's reference

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>M</b>	
1153	REFERENCE QUALIFIER	M AN..3	M AN..3	"ABO" = Originator's reference
1154	REFERENCE NUMBER	C AN..35	C AN..35	Origin of return : "1" = Customer error "2" = Supplier error
1156	LINE NUMBER	C AN..6	C AN..6	
4000	REFERENCE NUMBER VERSION	C AN..35	C AN..35	

**Example :**

RFF+ABO:2'



**RFF REFERENCE**

Segment N° 91 [M 1], Occurrence 3, Groupe N° 29 [C 999]

**Function :** Reason for return, Breakage, Replacement order

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>M</b>	
1153	REFERENCE QUALIFIER	M AN..3	M AN..3	"SZ"= Specification number
1154	REFERENCE NUMBER	C AN..35	C AN..2	Reason for return  According to the EDP Applications. However, the codes transmitted in the Message must be approved by the supplier.
1156	LINE NUMBER	C AN..6	C AN..6	
4000	REFERENCE NUMBER VERSION	C AN..35	C AN..35	

**Example :**

RFF+SZ:12'

**RFF REFERENCE**

Segment N° 91 [M 1], Occurrence 4, Groupe N° 29 [C 999]

**Function :** Original order No

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>M</b>	
1153	REFERENCE QUALIFIER	M AN..3	M AN..3	"OP"= Original purchase order
1154	REFERENCE NUMBER	C AN..35	C AN..15	Buyer's initial order umber
1156	LINE NUMBER	C AN..6	C AN..6	
4000	REFERENCE NUMBER                      VERSION	C AN..35	C AN..35	

**Example :**

RFF+OP:058961'

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**DTM DATE/TIME/PERIOD**

Segment N° 92 [C 5], Occurrence 4, Groupe N° 29 [C 999]

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Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>	
2005	DATE/TIME/PERIOD QUALIFIER	M AN..3	M AN..3	"171" = Reference date/time
2380	DATE/TIME/PERIOD	C AN..35	C N12	Date/Time of original order
2379	DATE/TIME/PERIOD FORMAT QUALIFIER	C AN..3	C AN..3	"203" = CCYYMMDDHHMM

**Example :**

DTM+171:199605121134:203'

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**UNS SECTION CONTROL**

Segment N° 148 [M 1]

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**Function**

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
0081	SECTION IDENTIFICATION	M A1	M A1	"S" = Detail/summary section separation

**Example :**

UNS+S'

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**MOA MONETARY AMOUNT**

Segment N° 149 [C 1]

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**Function :** Total net of tax

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>M</b>	
5025	MONETARY AMOUNT TYPE QUALIFIER	M AN..3	M AN..3	"116" = Purchase amount
5004	MONETARY AMOUNT	C N..18	C N..18	Gand total net of tax
6345	CURRENCY, CODED	C AN..3	- AN..3	
6343	CURRENCY QUALIFIER	C AN..3	- AN..3	
4405	STATUS, CODED	C AN..3	- AN..3	

**Comments :**

Optional

**Example :**

MOA+116:169850.50'

**CNT CONTROL TOTAL**

Segment N° 150 [C 1]

**Function :** total quantities ordered

Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
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<b>C270</b>	<b>CONTROL</b>	<b>M</b>	<b>M</b>	
6069	CONTROL QUALIFIER	M AN..3	M AN..3	"23" = Total ordered quantity
6066	CONTROL VALUE	M N..18	M N..14	Quantities ordered
6411	MEASURE UNIT QUALIFIER	C AN..3	- AN..3	

**Comments :**

Optional

**Example :**

CNT+1:3640'

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**UNT MESSAGE TRAILER**

Segment N° 154 [M 1]

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Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
0074	NUMBER OF SEGMENTS IN A MESSAGE GE)	M N..2	M N..2	
0062	MESSAGE REFERENCE NUMBER (NUMERO	M AN..14	M AN..14	

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**UNZ INTERCHANGE TRAILER**Segment N° 155 [M 1]

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Tag	Description	Statut/Lg (Standard)	Statut/Lg (Subset)	Commentary
0036	INTERCHANGE CONTROL COUNT	M N..6	M N..6	
0020	INTERCHANGE CONTROL REFERENCE	M AN..14	M AN..14	