



INVENTORY REPORT MESSAGE

INVRPT

Version 1.2

EANCOM[®]97/EDIFACT D.96A

agreed-upon by EDI Working Group of ECR Poland

The document contains only those segments and data elements that were agreed and accepted by the members of EDI Working Group of ECR Poland Club. The segments and data elements are used and required from commerce partners while exchanging EDI messages.

This document is compliant to the standard INVRPT EANCOM/EDIFACT message.

September 2008

I. Message Structure Chart

Inventory Report Heading Section

UNH - MESSAGE HEADER

BGM - Beginning of message

DTM - Date of the document

DTM - Report start date

DTM - Report end date

SG 2 NAD - Identification of the supplier

SG 2 NAD - Identification of the buyer

SG 2 NAD - Identification of inventory reporting party

Inventory Report Detail Section

SG 9 LIN - Line item

SG 11 QTY - Reported quantity

SG 11 QTY – Quantity on hand

SG 11 QTY – Actual stock

SG 11 QTY – Quantity in transit

SG 11 QTY – Quantity awaiting delivery

SG 11 QTY – Shortage quantity

SG 11 QTY – Number of consumer units in the traded unit

SG 11 GIN - Goods identity number

SG 11 DTM - Date relevant to the line item

Inventory Report Summary Section

UNT - number of segments

The segments agreed as mandatory are written in bold.

2. Segments Layout

This section describes each segment used in the EANCOM Purchase Order message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM subset are indicated.

Notes:

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.
2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the second column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

Following the EDIFACT information, EANCOM specific information is provided in the third, fourth, and fifth columns. In the third column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fourth column the restricted indicator (see point 3 on the following page), and in the fifth column notes and code values used for specific data elements in the message.

- 2.1 (M)andatory data elements in EDIFACT segments retain their status in EANCOM.
- 2.2 Additionally, there are five types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

-	REQUIRED	R	Indicates that the entity is required and must be sent.
-	ADVISED	A	Indicates that the entity is advised or recommended.
-	DEPENDENT	D	Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
-	OPTIONAL	O	Indicates that the entity is optional and may be sent at the discretion of the user.
-	NOT USED	N	Indicates that the entity is not used and should be omitted.

- 2.3 If a composite is flagged as **N, NOT USED**, all data elements within that composite will have blank status indicators assigned to them.

3. Status indicators detailed in the fourth column which directly relate to the code values detailed in the first column may have two values;

- RESTRICTED * A data element marked with an asterisk (*) in the fourth column is (are) the only codes available for use with this data element, in this segment, in this message.

- OPEN All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no asterix in fourth column). The available codes are listed in the EANCOM Data Elements and Code Sets Directory. **Code values given in tables have been agreed by the EDI Working Group. The use of other values should be bilaterally agreed.**

UNH - M 1 - MESSAGE HEADER				
Function : To head, identify and specify a message.				
Segment number : 1				
	EDIFACT	EAN	*	Description
0062 Message reference number	M an..14	M		Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be identical. Sender generated.
S009 MESSAGE IDENTIFIER	M	M		
0065 Message type identifier	M an..6	M	*	INVRPT = Inventory report message
0052 Message type version number	M an..3	M	*	D = Draft directory
0054 Message type release number	M an..3	M	*	96A = Version 96A
0051 Controlling agency	M an..2	M	*	UN = UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
0057 Association assigned code	C an..6	R	*	EAN004 = EAN version control number.
0068 Common access reference	C an..35	N		
S010 STATUS OF THE TRANSFER	C	N		
0070 Sequence message transfer number	M n..2			
0073 First/last sequence message transfer indication	C a1			
<u>Segment Notes.</u>				
This segment is used to head, identify and specify a message.				
This segment is mandatory.				
DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Inventory Report based on the D.96A directory under the control of the United Nations.				
DE 0057: Indicates that the message is the EANCOM version 004 of the UNSM Inventory Report.				
Example :				
UNH+ME000001+INVRPT:D:96A:UN:EAN004'				

BGM - M					1 - Beginning of message										
Function					:					To indicate the type and function of a message and to transmit the identifying number.					
Segment number					:					2					
					EDIFACT		EAN		*		Description				
C002 DOCUMENT/MESSAGE NAME					C		R								
1001 Document/message name, coded					C an..3		R		*		35 = Inventory report 78 = Inventory movement advice 85E = Inventory adjustment status (EAN Code)				
1131 Code list qualifier					C an..3		N								
3055 Code list responsible agency, coded					C an..3		D				9 = EAN (International Article Numbering association)				
1000 Document/message name					C an..35		O								
1004 Document/message number					C an..35		R				Inventory Report number assigned by the document sender.				
1225 Message function, coded					C an..3		R		*		9 = Original				
4343 Response type, coded					C an..3		N								
<u>Segment Notes.</u>															
This segment is used to indicate the type and function of a message and to transmit the identifying number.															
This segment is mandatory.															
DE 1004: It is recommended that the length of the document number be restricted to a maximum of 17 characters.															
Example :															
BGM+35+INVR21599+9'															
Dependency Notes :															
DE 3055: This data element is only used if an EAN code has been used in DE 1001.															

DTM - M 10 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 3				
	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M		137 = Document/message date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD
<u>Segment Notes.</u>				
This segment is used to specify any dates relevant to the complete Inventory Report.				
This segment is mandatory.				
DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the inventory report.				
Example:				
DTM+137:19971101:102'				

DTM - M 10 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 3				
	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M		194 = Start date/time 366 = Inventory report date
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD
<u>Segment Notes.</u>				
This segment is used to specify any dates relevant to the complete Inventory Report.				
Example :				
DTM+194:19971101:102'				

DTM - M 10 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 3				
	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M		206 = End date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD
<u>Segment Notes.</u>				
This segment is used to specify any dates relevant to the complete Inventory Report.				
Example :				
DTM+137:19971101:102'				

SG2 - C 20 - NAD-SG3-SG4				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.				
Segment number : 6				
	EDIFACT	EAN	*	Description
3035 Party qualifier	M an..3	M		BY = Buyer
C082 PARTY IDENTIFICATION DETAILS	C	A		
3039 Party id. identification	M an..35	M		EAN Location Number - Format n13
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering association)
<u>Segment Notes.</u>				
This segment is used to identify the buyer.				
This segment is mandatory.				
DE 3039: For identification of parties it is recommended to use EAN location numbers.				
Example :				
NAD+BY+5412345000020::9'				

SG2 - C 20 - NAD-SG3-SG4				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.				
Segment number : 6				
	EDIFACT	EAN	*	Description
3035 Party qualifier	M an..3	M		SU = Supplier
C082 PARTY IDENTIFICATION DETAILS	C	A		
3039 Party id. identification	M an..35	M		EAN Location Number - Format n13
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering association)
<u>Segment Notes.</u>				
This segment is used to identify the supplier.				
This segment is mandatory.				
DE 3039: For identification of parties it is recommended to use EAN location numbers.				
Example :				
NAD+SU+5412345000020::9'				

SG2 - C 20 - NAD-SG3-SG4				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.				
Segment number : 6				
	EDIFACT	EAN	*	Description
3035 Party qualifier	M an..3	M		GY = Inventory reporting party
C082 PARTY IDENTIFICATION DETAILS	C	A		
3039 Party id. identification	M an..35	M		EAN Location Number - Format n13
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering association)
<u>Segment Notes.</u>				
This segment is used to identify the inventory reporting party.				
DE 3039: For identification of parties it is recommended to use EAN location numbers.				
Example :				
NAD+GY+5412345000020::9'				

SG9 - C 9999 - LIN-PIA-IMD-SG11				
LIN - M 1 - Line item				
Function : To identify a line item and configuration.				
Segment number : 12				
	EDIFACT	EAN	*	Description
1082 Line item number	C n..6	R		Application generated number of the count of the item lines within the Inventory Report.
1229 Action request/notification, coded	C an..3	N		
C212 ITEM NUMBER IDENTIFICATION	C	R		
7140 Item number	C an..35	R		Format n..14 EAN-8, UPC-A, EAN-13, or DUN-14 - this is the number of the article being reported.
7143 Item number type, coded	C an..3	R	*	EN = International Article Numbering Association (EAN) UP = UPC (Universal product code)
<u>Segment Notes.</u>				
This segment is used to identify a specific line item in the inventory report.				
This segment is mandatory.				
Example :				
LIN+1++5412345111115:EN'				

SG9 - C 9999 - LIN-PIA-IMD-SG11				
SG11 - C 9999 - QTY-INV-GIN-LOC-DTM-STS-SG13-SG14-SG15				
QTY - M 1 - Quantity				
Function : To specify a pertinent quantity.				
Segment number : 15				
	EDIFACT	EAN	*	Description
C186 QUANTITY DETAILS	M	M		
6063 Quantity qualifier	M an..3	M		17 = Quantity on hand
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	D		KGM = kilogram MTK = square metre LTR = liter PCE = piece PR = pair TNE = metric ton (1000kg)
<u>Segment Notes.</u>				
This segment is used to express the quantities related to the current line item.				
This segment is mandatory.				
Example :				
QTY+17:148'				
DE 6411: This DE is only used if the current line item is a variable quantity product. Qualifiers for DE 6063 in Appendix				

SG9 - C 9999 - LIN-PIA-IMD-SG11				
SG11 - C 9999 - QTY-INV-GIN-LOC-DTM-STS-SG13-SG14-SG15				
QTY - M 1 - Quantity				
Function : To specify a pertinent quantity.				
Segment number : 15				
	EDIFACT	EAN	*	Description
C186 QUANTITY DETAILS	M	M		
6063 Quantity qualifier	M an..3	M		145 = Actual stock
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	D		KGM = kilogram MTK = square metre LTR = litre PCE = piece PR = pair TNE = metric ton (1000kg)
<u>Segment Notes.</u>				
This segment is used to express the quantities related to the current line item.				
This segment is mandatory.				
Example :				
QTY+145:148'				
DE 6411: This DE is only used if the current line item is a variable quantity product. Qualifiers for DE 6063 in Appendix				

SG9 - C 9999 - LIN-PIA-IMD-SG11				
SG11 - C 9999 - QTY-INV-GIN-LOC-DTM-STS-SG13-SG14-SG15				
QTY - M 1 - Quantity				
Function : To specify a pertinent quantity.				
Segment number : 15				
	EDIFACT	EAN	*	Description
C186 QUANTITY DETAILS	M	M		
6063 Quantity qualifier	M an..3	M		198 = Quantity in transit
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	D		KGM = kilogram MTK = square metre LTR = litre PCE = piece PR = pair TNE = metric ton (1000kg)
<u>Segment Notes.</u>				
This segment is used to express the quantities related to the current line item.				
This segment is mandatory.				
Example :				
QTY+17:148'				
DE 6411: This DE is only used if the current line item is a variable quantity product. Qualifiers for DE 6063 in Appendix				

SG9 - C 9999 - LIN-PIA-IMD-SG11			
SG11 - C 9999 - QTY-INV-GIN-LOC-DTM-STS-SG13-SG14-SG15			
QTY - M 1 - Quantity			
Function : To specify a pertinent quantity.			
Segment number : 15			
	EDIFACT	EAN	* Description
C186 QUANTITY DETAILS	M	M	
6063 Quantity qualifier	M an..3	M	51E = Quantity awaiting delivery
6060 Quantity	M n..15	M	
6411 Measure unit qualifier	C an..3	D	KGM = kilogram MTK = square metre LTR = litre PCE = piece PR = pair TNE = metric ton (1000kg)
<u>Segment Notes.</u>			
This segment is used to express the quantities related to the current line item.			
This segment is mandatory.			
Example :			
QTY+51E:148'			
DE 6411: This DE is only used if the current line item is a variable quantity product. Qualifiers for DE 6063 in Appendix			

SG9 - C 9999 - LIN-PIA-IMD-SG11				
SG11 - C 9999 - QTY-INV-GIN-LOC-DTM-STS-SG13-SG14-SG15				
QTY - M 1 - Quantity				
Function : To specify a pertinent quantity.				
Segment number : 15				
	EDIFACT	EAN	*	Description
C186 QUANTITY DETAILS	M	M		
6063 Quantity qualifier	M an..3	M		119 = Short shipped
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	D		KGM = kilogram MTK = square metre LTR = liter PCE = piece PR = pair TNE = metric ton (1000kg)
<u>Segment Notes.</u>				
This segment is used to express the quantities related to the current line item.				
This segment is mandatory.				
Example :				
QTY+17:148'				
DE 6411: This DE is only used if the current line item is a variable quantity product. Qualifiers for DE 6063 in Appendix				

SG9 - C	9999 - LIN-PIA-IMD-SG11			
SG11 - C	9999 - QTY-INV-GIN-LOC-DTM-STS-SG13-SG14-SG15			
QTY - M	1 - Quantity			
Function	: To specify a pertinent quantity.			
Segment number	: 15			
	EDIFACT	EAN	*	Description
C186 QUANTITY DETAILS	M	M		
6063 Quantity qualifier	M an..3	M		59 = Number of consumer units in the traded unit
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	D		KGM = kilogram MTK = square metre LTR = liter PCE = piece PR = pair TNE = metric ton (1000kg)
<u>Segment Notes.</u>				
This segment is used to express the quantities related to the current line item.				
This segment is mandatory.				
Example :				
QTY+59: 8'				
DE 6411: This DE is only used if the current line item is a variable quantity product. Qualifiers for DE 6063 in Appendix				

SG9 - C	9999 - LIN-PIA-IMD-SG11			
SG11 - C	9999 - QTY-INV-GIN-LOC-DTM-STS-SG13-SG14-SG15			
GIN - C	9999 - Goods identity number			
Function :	To give specific identification numbers, either as single numbers or ranges.			
Segment number :	17			
	EDIFACT	EAN	*	Description
7405 Identity number qualifier	M an..3	M	*	BN = Serial number BX = Batch number
C208 IDENTITY NUMBER RANGE	M	M		
7402 Identity number	M an..35	M		
7402 Identity number	C an..35	O		
C208 IDENTITY NUMBER RANGE	C	O		
7402 Identity number	M an..35	M		
7402 Identity number	C an..35	O		
C208 IDENTITY NUMBER RANGE	C	O		
7402 Identity number	M an..35	M		
7402 Identity number	C an..35	O		
C208 IDENTITY NUMBER RANGE	C	O		
7402 Identity number	M an..35	M		
7402 Identity number	C an..35	O		
C208 IDENTITY NUMBER RANGE	C	O		
7402 Identity number	M an..35	M		
7402 Identity number	C an..35	O		

Segment Notes.

This segment is used to provide additional identification numbers relevant to the line item identified in the LIN segment and specific to the quantities reported in the QTY segment.

EAN/UCC Serial Shipping Container Codes (SSCC) are provided in the GIN segment in the CPS segment group.

DE C208: If a sequential series of identity numbers is provided (e.g., from 1 up to and including 10) only one repetition of composite C208 is needed with the first repetition of 7402 specifying the smaller number (e.g., 1) and the second repetition the larger number (e.g., 10). If the identity numbers are not sequential and part of a series (e.g., 1, 3, and 10) then a separate C208 and DE 7402 must be used for each identity number.

Example :

GIN+BX+456:500'

This example defines a range of batch numbers from 456 to 500 inclusive.

SG9 - C 9999 - LIN-PIA-IMD-SG11				
SG11 - C 9999 - QTY-INV-GIN-LOC-DTM-STS-SG13-SG14-SG15				
DTM - C 5 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 19				
	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M		36 = Expiry date 94 = Production/manufacture date 194 = Start date/time 206 = End date/time 360 = Sell by date 361 = Best before date 363 = Total shelf life period
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 203 = CCYYMMDDHHMM
<u>Segment Notes.</u>				
This segment is used to specify dates relevant to the quantity (or sub-quantity) specified in the LIN segment for the current line item.				
In the extended Inventory Report this DTM segment may be used to indicate the inventory report period.				
Example :				
DTM+94:19970601:102'				
Qualifiers 194 and 206 may be used in case the dates relevant to line item differ from the ones specified in DTM segment appropriate to the whole message.				

UNT - M 1 - MESSAGE TRAILER				
Function : To end and check the completeness of a message.				
Segment number : 29				
	EDIFACT	EAN	*	Description
0074 Number of segments in a message	M n..6	M		The total number of segments in the message is detailed here.
0062 Message reference number	M an..14	M		The message reference numbered detailed here should equal the one specified in the UNH segment.
<u>Segment Notes.</u>				
The UNT segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.				
Example :				
UNT+25+ME000001'				

III. APPENDIX. Other suggested qualifiers.

The qualifiers listed below are suggested to be used in segments occurring in the message. The use of them requires bilateral agreement between the exchange partners.

SG 11 QTY

DE 6063 Quantity qualifiers

12 = Despatch quantity

Quantity despatched by the seller.

74 = Latest cumulative quantity

Cumulative quantity after complete delivery of all scheduled quantities of the product.

79 = Previous cumulative quantity

Cumulative quantity prior the actual order.

83 = Backorder quantity

Quantity of a product for backorder purposes.

96 = Quality control failed

Quantity of goods which have failed quality control.

99 = Estimated quantity

An estimation of stock quantity.

113 = Quantity to be delivered

The quantity to be delivered.

153 = Statistical sales quantity

Quantity of goods sold in a specified period.

156 = Inventory movement quantity

To specify the quantity of an inventory movement.

198 = Quantity in transit

Quantity which is currently in transit.

199 = Inventory withdrawal quantity

Quantity which has been withdrawn from inventory since the last inventory report.

34E = Reserved quantity (EAN Code)

A quantity of stock reserved for specific purposes, e.g. stock reserved to cater for natural disasters (floods, earthquakes, etc).

76E = Additional replenishment demand quantity (EAN Code)

Incremental needs over and above normal replenishment calculations, but not intended to permanently change the model parameters.

93E = Extraordinary sale (EAN Code)

Sales which will not be included in the calculation of replenishment requirements, e.g. sales to staff, to sport clubs,...

96E = Return quantity to warehouse (EAN Code)

A quantity of products sent back from the outlet (point of sale) to the warehouse.