

# EDI Implementation Guidelines

## INVRPT UN D97A



## Table of Contents

SEGMENT TABLE	3
MESSAGES COVERT	4
EDIFACT 97A INVRPT MESSAGE:	17

<b>Segment Table</b>
----------------------

**Segment table.**

```

UNB                M 1      INTERCHANGE HEADER
UNH                M 1      MESSAGE HEADER
BGM                M 1      BEGINNING OF MESSAGE
DTM                M 10     DATE/TIME/P ERIOD
|--Group  2-----C 20
  NAD                M 1      NAME AND ADDRESS
--End Gr  2-----

|--Group  9-----C 9999
  LIN                M 1      LINE ITEM
  |--Group  11-----C 9999
    INV                M 1      INVENTORY MANAGEMENT RELATED DETAILS
    QTY                M 1      QUANTITY
    DTM                C 5      Place/location identification
    LOC                C 5      DATE/TIME/PERIOD
    |--Group  14-----C 10
      RFF                M 1      REFERENCE
      DTM                C 1      DATE/TI ME/PERIOD
    --End Gr  14-----
  --End Gr  11-----
--End Gr  9-----

UNT                M 1      MESSAGE TRAILER
UNZ                M 1      INTERCHANGE TRAILER

```

<b>Messages Covert</b>
------------------------

**UNH            MESSAGE HEADER                            [M 1]**

**Function :        Message header**

Tag	Description	Status/Lg (Standard)	EDI	Adient Remarks
<b>0062</b>	<b>MESSAGE REFERENCE</b>	<b>M AN..14</b>		Transmission message count from 1
<b>S009</b>	<b>MESSAGE IDENTIFIER</b>	<b>M</b>		
0065	MESSAGE TYPE IDENTIFIER	M AN..6	"INVRPT"	
0052	MESSAGE TYPE VERSION NUMBER	M N..3	"D"	
0054	MESSAGE TYPE RELEASE NUMBER	M N..3	"97A"	
0051	CONTROLLING AGENCY	M AN..2	"UN"	
0057	ASSOCIATION ASSIGNED CODE	C AN..6	<b>Not used</b>	
<b>0068</b>	<b>COMMON ACCESS REFERENCE</b>	<b>C AN..35</b>	<b>Not used</b>	
<b>S010</b>	<b>STATUS OF THE TRANSFER</b>	<b>C</b>	<b>Not used</b>	
0070	SEQUENCE MESSAGE TRANSFER NUMBER	M N..2	<b>Not used</b>	
0073	FIRST/LAST SEQUENCE MESSAGE TRANSFER IND	C A1	<b>Not used</b>	

**EXAMPLE :**

UNH+1+INVRPT:D:97A:UN'

**BGM BEGINNING OF MESSAGE [M 1]**

**Function :** A segment for unique identification of the Inventory Report document, name and its number.

Tag	Description	Status/Lg (Standard)	EDI contain	Adient Remarks
<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	<b>C</b>		
1001	DOCUMENT/MESSAGE NAME, CODED	C AN..3	"35"	Inventory report
1131	CODE LIST QUALIFIER	C AN..3	Not used	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	Not used	
1000	DOCUMENT/MESSAGE NAME	C AN..35	Not used	
<b>C106</b>	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>C</b>		
1004	DOCUMENT/MESSAGE NUMBER	C AN..35		sequential Number (mfc_ctrl) Inventory report number
1056	VERSION	C AN..9	Not used	
1060	REVISION NUMBER	C AN..6	Not used	
<b>1225</b>	<b>MESSAGE FUNCTION, CODED</b>	<b>C AN..3</b>	"9"	Original
<b>4343</b>	<b>RESPONSE TYPE, CODED</b>	<b>C AN..3</b>	Not used	

**EXAMPLE :**  
BGM+35+10298+9'

**DTM**            **DATE/TIME/PERIOD**            [M 1]

**Function :**        Date/time/period related to the whole message. The segment must be specified at least once to identify the date at which the inventory report was issued.

Tag	Description	Status/Lg (Standard)	EDI Contain	Adient Remarks
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>		
2005	DATE/TIME/PERIOD QUALIFIER	M AN..3	"137"	Document/message date/time Date when the document is created
2380	DATE/TIME/PERIOD	C AN..35		today
2379	DATE/TIME/PERIOD FORMAT QUALIFIER	C AN..3	"102" = CCYYMM DD	

**EXAMPLE :**

DTM+137:20041020:102'

**DTM**            **DATE/TIME/PERIOD**            [M 1]

**Function :**        Date/time/period related to the whole message. The segment must be specified at least once to identify the date at which the inventory report was issued.

Tag	Description	Status/Lg (Standard)	EDI Contain	Adient Remarks
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>		
2005	DATE/TIME/PERIOD QUALIFIER	M AN..3	"366"	Inventory report date
2380	DATE/TIME/PERIOD	C AN..35		today
2379	DATE/TIME/PERIOD FORMAT QUALIFIER	C AN..3	"102" = CCYYMM DD	

**EXAMPLE :**

DTM+366:20041020:102'

**Segment Group N° 2 [C 3]**

**NAD NAME AND ADDRESS**

[M 1]

**Function :** A segment for identifying names and addresses and their functions relevant for the whole Inventory Report. Indications of the parties involved is recommended for the Inventory Report message. They are to be given in the NAD segment. It is recommended that where possible only the coded form of the party ID should be specified.

Tag	Description	Status/Lg (Standard)	EDI Contain	Adient Remarks
<b>3035</b>	<b>PARTY QUALIFIER</b>	<b>M AN..3</b>	<b>BY</b>	
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>		
3039	PARTY ID. IDENTIFICATION	M AN..35	"05231"	ad_addr e.g. Neustadt
1131	CODE LIST QUALIFIER	C AN..3		
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	"92"	Assigned by buyer or buyer's agent
<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C</b>		
3124	NAME AND ADDRESS LINE	M AN..35		ad_mstr.ad_name
3124	NAME AND ADDRESS LINE	C AN..35		ad_mstr.ad_addr
3124	NAME AND ADDRESS LINE	C AN..35		ad_mstr.ad_line1
3124	NAME AND ADDRESS LINE	C AN..35		ad_mstr.ad_line2
3124	NAME AND ADDRESS LINE	C AN..35		
<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>		
3036	PARTY NAME	M AN..35		ad_mstr.ad_name
3036	PARTY NAME	C AN..35	Not used	
3036	PARTY NAME	C AN..35	Not used	
3036	PARTY NAME	C AN..35	Not used	
3036	PARTY NAME	C AN..35	Not used	
3045	PARTY NAME FORMAT, CODED	C AN..3	Not used	
<b>C059</b>	<b>STREET</b>	<b>C</b>	not used	
3042	STREET AND NUMBER/P.O. BOX	M AN..35	not used	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	not used	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	not used	
3042	STREET AND NUMBER/P.O. BOX	C AN..35	not used	
<b>3164</b>	<b>CITY NAME</b>	<b>C AN..35</b>	not used	
<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	<b>C AN..9</b>	not used	
<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	<b>C AN..9</b>	not used	
<b>3207</b>	<b>COUNTRY, CODED</b>	<b>C AN..3</b>	not used	

**EXAMPLE :**

NAD+BY+05231:92+Adient Neustadt GmbH&Co. KG:05231:RAFFINERIESTRASSE 1+Adient NEUSTADT GMBH&CO. KG'





**Segment Group N° 9 [C 9999]**

**LIN**                      **LINE ITEM**    **[M 1]**

**Function :**            A segment identifying a specific line item in the inventory report. All other segments in the detail section refer to the line item

Tag	Description	Status/Lg (Standard)	EDI contain	Adient Remarks
1082	LINE ITEM NUMBER	C AN..6	Incremented 1 per 1	
1229	ACTION REQUEST/NOTIFICATION, CODED	C AN..3	Not used	
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>		Buyer's part number
7140	ITEM NUMBER	C AN..35	Product code	pod_part
7143	ITEM NUMBER TYPE, CODED	C AN..3	'in'	Buyer's item number
1131	CODE LIST QUALIFIER	C AN..3	Not used	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	not used	
<b>C829</b>	<b>SUB-LINE INFORMATION</b>	<b>C</b>	Not used	
5495	SUB-LINE INDICATOR, CODED	C AN..3	Not used	
1082	LINE ITEM NUMBER	C AN..6	Not used	
<b>1222</b>	<b>CONFIGURATION LEVEL</b>	<b>C N..2</b>	Not used	
<b>7083</b>	<b>CONFIGURATION, CODED</b>	<b>C AN..3</b>	Not used	

**EXAMPLE :**

LIN+1++670100-TE:IN'

**Segment Groupe N° 11 [C 9999]**

**INV INVENTORY MANAGEMENT RELATED DETAILS [M 1]**

**Function :** A segment to provide all the parameters required for an inventory activity report, e.g. the reason for an inventory movement, the direction of an inventory movement, etc.

Tag	Description	Status/Lg (Standard)	EDI contain	Adient Remarks
4501	INVENTORY MOVEMENT DIRECTION, CODED	C AN..3	Not used	
7491	TYPE OF INVENTORY AFFECTED, CODED	C AN..3	Not used	
4499	REASON FOR INVENTORY MOVEMENT, CODED	C AN..3	"040"	available
4503	INVENTORY BALANCE METHOD, CODED	C AN..3	"2"	Formal inventory balance
C522	INSTRUCTION	C	Not used	
4403	INSTRUCTION QUALIFIER	M AN..3	Not used	
4401	INSTRUCTION, CODED	C AN..3	Not used	
1131	CODE LIST QUALIFIER	C AN..3	Not used	
3055	CODE LIST RESPONSIBLE AGENCY, CODED	C AN..3	Not used	
4400	INSTRUCTION	C AN..35	Not used	

**EXAMPLE :**  
INV++040++2'

**Segment Group N° 11 [C 9999]**

**QTY**                      **QUANTITY**    [M 1]

**Function :**            A segment to provide a quantity information suitably qualified, for the product referred to by the LIN segment, e.g. opening balance quantity, closing balance quantity, inventory movement quantity, etc.

Tag	Description	Status/Lg (Standard)	EDI contain	Adient Remarks
<b>C186</b>	<b>QUANTITY DETAILS</b>	<b>M</b>		
6063	QUANTITY QUALIFIER	M AN..3	"145"	Actual stock The stock on hand, undamaged, and available for despatch, sale or use.
6060	QUANTITY	M N..15		Id_qty_oh
6411	MEASURE UNIT QUALIFIER	C AN..3		pt_um EA or ST will be PCE

**EXAMPLE :**  
QTY+145:770:PCE'

**Segment Group N° 11 [C 5]**

**LOC PLACE/LOCATION IDENTIFICATION [M 1]**

**Function :** To identify a country/place/location/related location one/related location two.

Tag	Description	Status/Lg (Standard)	EDI contain	Adient Remarks
3227	PLACE/LOCATIONQUALIFIER	M an..3	'18'	Warehouse
<b>C517</b>	<b>LOCATION IDENTIFICATION</b>	C		
3225	Place/location identification	C an..25		Place/location identification
1131	Code list qualifier	C an..3	not used	
3055	Code list responsible agency, coded	C an..3	not used	
3224	Place/location	C an..70	not used	
<b>C519</b>	<b>RELATED LOCATION ONE IDENTIFICATION</b>	C	not used	
3223	Related place/location one identification	C an..25	not used	
1131	Code list qualifier	C an..3	not used	
3055	Code list responsible agency, coded	C an..3	not used	
3222	Related place/location one	C an..70	not used	
<b>C553</b>	<b>RELATED LOCATION TWO IDENTIFICATION</b>	C	not used	
3233	Related place/location two identification	C an..25	not used	
1131	Code list qualifier	C an..3	not used	
3055	Code list responsible agency, coded	C an..3	not used	
3232	Related place/location two	C an..70	not used	
5479	RELATION, CODED	C an..3	not used	

**EXAMPLE :**  
LOC+18+300418'

**Segment Groupe N° 14 11 [C 3]**

**RFF REFERENCE [M 1]**

**Function :** A segment for referencing documents and other numbers pertinent to the line item..

Tag	Description	Status/Lg (Standard)	EDI contain	Adient Remarks
<b>C506</b>	<b>REFERENCE</b>	<b>M</b>		
1153	REFERENCE QUALIFIER	M AN..3	ALO	Receiving advice number
1154	REFERENCE NUMBER	C AN..35		last shipping Label prh_ps_nbr
1156	LINE NUMBER	C AN..6		
4000	REFERENCE VERSION NUMBER	C AN..35		

**EXAMPLE :**  
RFF+ALO:057455'

**Segment Groupe N° 14 11 [C 1]**

**DTM**            **DATE/TIME/PERIOD**                            [M 1]

**Function :**        Date/time/period as applied to the quantity.

Tag	Description	Status/Lg (Standard)	EDI contain	Adient Remarks
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>		
2005	DATE/TIME/PERIODQUALIFIER	M AN..3	"179"	Booking date/time prh_rcp_date
2380	DATE/TIME/PERIOD	C AN..35		
2379	DATE/TIME/PERIODFORMAT QUALIFIER	C AN..3	"102" CCYYMM DD	

**EXAMPLE :**

DTM+179:20041007:102'

---

**UNT MESSAGE TRAILER [M 1]**

**Function :** A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

Tag	Description	Status/Lg (Standard)	EDI Contain	Adient Remarks
0074	NUMBER OF SEGMENTS IN A MESSAGE	M N..6		
0062	MESSAGE REFERENCE NUMBER	M AN..14	UNH-0062	

**EXAMPLE :**  
UNT+18+1'

**UNZ MESSAGE TRAILER** [M 1]

**Function :** A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

Tag	Description	Status/Lg (Standard)	EDI Contain	Adient Remarks
0036	INTERCHANGE CONTROL COUNT	M N..6		Number of messages in an interchange
0020	INTERCHANGE CONTROL REFERENCE	M AN..14	UNB-0020	

**EXAMPLE :**

UNZ+1+04102110574357'



---

<b>EDIFACT 97A INVRPT Message:</b>
------------------------------------

**Example**

```
UNB+UNOA:2+00013007096JCIEUAG::0523++041216:1726+04121617265908'  
UNH+1+INVRPT:D:97A:UN'  
BGM+35+14102+9'  
DTM+137:20041216:102'  
DTM+366:20041216:102'  
NAD+BY+05231:92+Adient Neustadt GmbH&Co. KG:05231:RAFFINERIESTRASSE 1+Adient  
NEUSTADT GMBH&CO. KG'  
NAD+SE+301536:92+Forbo Adhesives Automotive G:301536:FLOSSWOERTHSTR. 3-9+FORBO  
ADHESIVES AUTOMOTIVE G'  
LIN+0++115702:IN'  
INV++040++2'  
QTY+145:0:KG'  
LOC+18+301536'  
RFF+ALO:80002025'  
DTM+179:20041215:102'  
LIN+1++115703:IN'  
INV++040++2'  
QTY+145:185:KG'  
LOC+18+301536'  
RFF+ALO:80001947'  
DTM+179:20041209:102'  
LIN+2++115738:IN'  
INV++040++2'  
QTY+145:133:KG'  
LOC+18+301536'  
RFF+ALO:800001795'  
DTM+179:20041125:102'  
UNT+25+1'  
UNZ+1+04121617265908'
```

---

## Document Revision

Version	Date	Description	Author
1.0	2004-12-16	Creation	Wolfgang Kaiser
1.5	2007-10-02	Revision and change of CI	Marc Tillmann
1.6	2016-Aug-11	Modified JCI or Johnson Controls references to be Adient. Removed JCI logo and added Adient logo.	Hemant Bhardwaj