MANOR

INVPRT D.01B out (Inventory movement advice)

based on

INVRPT
Inventory report message

EANCOM® 2002 S4; D.01B

- **Message Description**
- **Branching Diagram**
- **Segment Details**
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Version 1.0
Variant final
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INVPRT D.01B out (Inventory movement advice)

Documentation conventions

Format   as described in column "Format" of segment details

Character type: a :alphabetic characters
                                  n :numeric characters
                                  an :alpha-numeric characters

Status indicators   as described in column "St" of segment details

(R)equired   Indicates that the entity is required and must be sent. (This status is set by EANCOM®.)

(O)ptional   Indicates that the entity is conditional and may be sent at the discretion of the user.

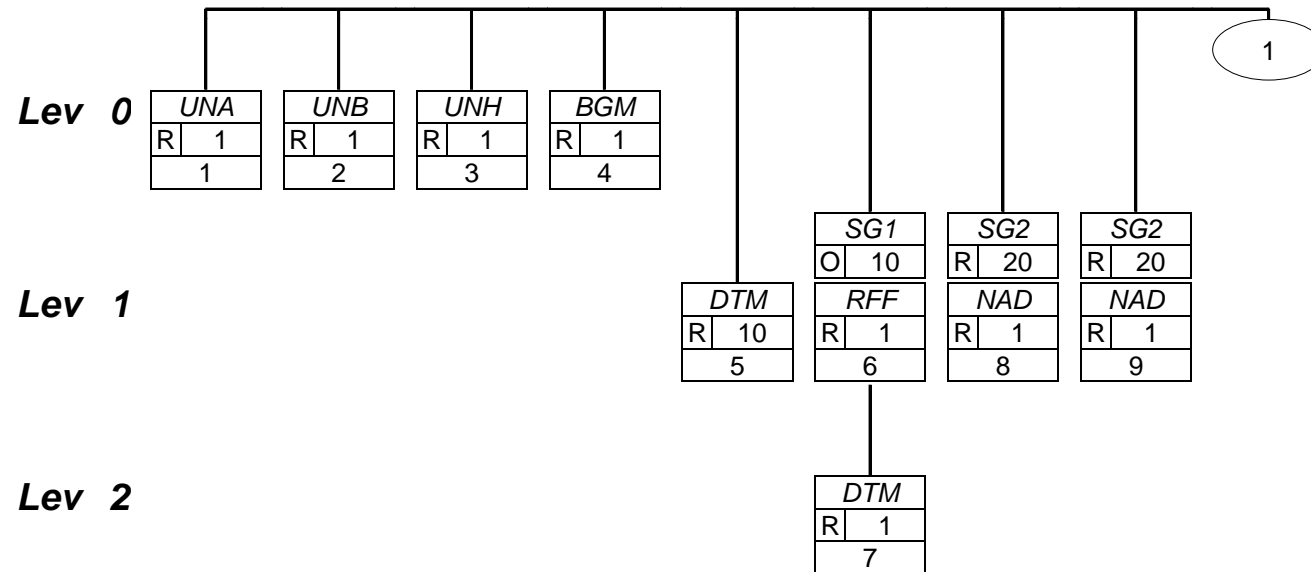(D)ependent   Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.

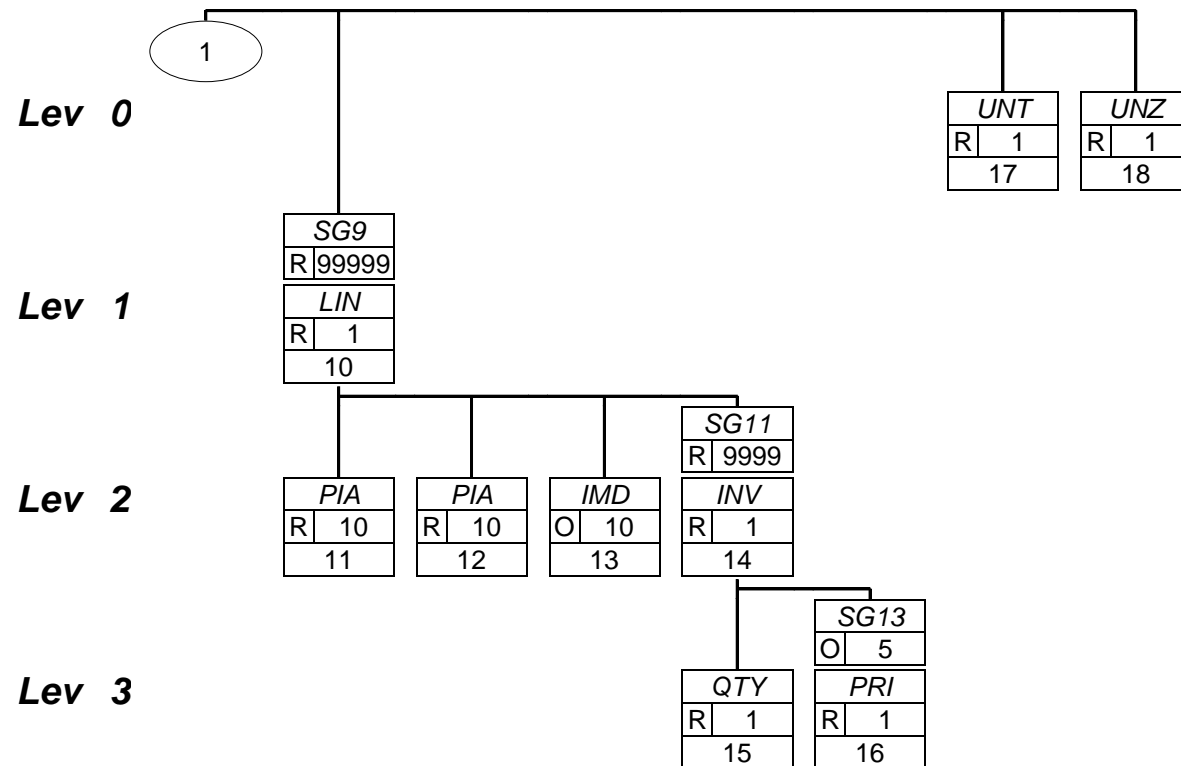(N)ot used   Indicates that the entity is not used.

Branching diagram

Lev 0	UNA	UNB	UNH	BGM			1
	R 1	R 1	R 1	R 1			
	1	2	3	4			

		SG1	SG2	SG2	
		O 10	R 20	R 20	
Lev 1	DTM	RFF	NAD	NAD	
	R 10	R 1	R 1	R 1	
	5	6	8	9	

Lev 2	DTM
	R 1
	7

Branching diagram

```
         ┌──────────────────────────────────────┬──────────┐
    ( 1 )│                                       │          │
                                              ┌──────┐  ┌──────┐
Lev  0                                        │ UNT  │  │ UNZ  │
                                              │R│  1 │  │R│  1 │
                                              ├──────┤  ├──────┤
                                              │  17  │  │  18  │
                                              └──────┘  └──────┘

         ┌──────┐
         │ SG9  │
         │R│99999│
Lev  1   ├──────┤
         │ LIN  │
         │R│  1 │
         ├──────┤
         │  10  │
         └──┬───┴──────┬──────────┬──────────┐
                                        ┌──────┐
                                        │ SG11 │
                                        │R│9999 │
      ┌──────┐   ┌──────┐   ┌──────┐    ├──────┤
Lev  2│ PIA  │   │ PIA  │   │ IMD  │    │ INV  │
      │R│ 10 │   │R│ 10 │   │O│ 10 │    │R│  1 │
      ├──────┤   ├──────┤   ├──────┤    ├──────┤
      │  11  │   │  12  │   │  13  │    │  14  │
      └──────┘   └──────┘   └──────┘    └──┬───┴──────┐
                                                 ┌──────┐
                                                 │ SG13 │
                                                 │O│  5 │
                                            ┌──────┐ ├──────┤
Lev  3                                      │ QTY  │ │ PRI  │
                                            │R│  1 │ │R│  1 │
                                            ├──────┤ ├──────┤
                                            │  15  │ │  16  │
                                            └──────┘ └──────┘
```

MANOR

Segments Layout

Segment

UNA	No.: 1	Level: 0
	Status R	Max. occ.: 1

Description   Service string advice

	Description	Manor	Example	Remarks
UNA1	Component data element separator	R an1	:	Used as a separator between component data elements contained within a composite data element (value ":").
UNA2	Data element separator	R an1	+	Used to separate two simple or composite data elements (value: "+").
UNA3	Decimal mark	R an1	.	Used to indicate the character used for decimal notation (value: ".").
UNA4	Release character	R an1	?	Used to restore any service character to its original specification (value: "?").
UNA5	Repetition separator	R an1		Used to indicate the character used for repetition separation (value: " ").
UNA6	Segment terminator	R an1	'	Used to indicate the end of segment data (value: " ' ").

This segment is used to inform the receiver of the interchange about the set of service characters (and decimal mark) which are being used. It must immediately precede the UNB segment and contains the five service characters (positions UNA1, UNA2, UNA3, UNA4, UNA5 and UNA6) selected by the interchange sender. When expressing the service characters in the UNA segment, it is not necessary to include any element separators. Within EANCOM®, using the default set of Service characters, the use of the UNA segment is not required.

Example:
UNA:+.? '

Segments Layout

Segment		No.: 2	Level: 0
	UNB	Status R	Max. occ.: 1

Description   **Interchange header**

	Description	Manor	Example	Remarks	
S001	Syntax identifier	R			
0001	Syntax identifier	R a4	+UNOC	**UNOC**	UN/ECE level C As defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1.
0002	Syntax version number	R an1	:4	**4**	Version 4 ISO 9735:1998.
S002	Interchange sender	R			
0004	Interchange sender identification	R an..35	+7612096000005	Interchange sender identification Manor GLN 7612096000005 = productive GLN 7612096000487 = test GLN	
0007	Identification code qualifier	R an..4	:14	**14**	GS1
S003	Interchange recipient	R			
0010	Interchange recipient identification	R an..35	+7699999999999	Interchange recipient identification usually GLN	
0007	Identification code qualifier	R an..4	:14	**14** **ZZ**	GS1 Mutually defined
S004	Date and time of preparation	M			
0017	Date	R n8	+211113	yyMMdd Format n6	
0019	Time	R n4	:0028	hhmm	
0020	Interchange control reference	R an..14	+1966	Interchange reference	
S005	Recipient reference/ password details	N			
0022	Recipient reference/ password	N an..14	+		
0026	Application reference	N an..14	+		
0029	Processing priority code	N a1	+		
0031	Acknowledgement request	N n1	+		
0032	Interchange agreement identifier	N an..35	+		
0035	Test indicator	D n1	+1'	**1**	Interchange is a test Indicates that the interchange is a test.

This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the

Segments Layout

address where delivery is to take place and the address from where the envelope has come.

Example:
UNB+UNOC:4+7612096000005:14+7699999999999:14+211113:0028+1966++++++1'

Segments Layout

Segment

UNH	No.: 3	Level: 0
	Status R	Max. occ.: 1

Description **Message header**

	Description	Manor	Example	Remarks	
0062	Message reference number	R an..14	+1	Senders unique message reference.	
S009	Message identifier	R			
0065	Message type	R an..6	+INVRPT	**INVRPT**	Inventory report message
0052	Message version number	R an..3	:D	**D**	Draft version/UN/EDIFACT Directory
0054	Message release number	R an..3	:01B	**01B**	Release 2001 - B
0051	Controlling agency, coded	R an..3	:UN	**UN**	UN/CEFACT
0057	Association assigned code	R an..6	:EAN004'	**EAN004**	GS1 version control number (GS1 Permanent Code)

This segment is used to head, identify and specify a message.
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+1+INVRPT:D:01B:UN:EAN004'

Segments Layout

Segment		No.: 4	Level: 0
	BGM	Status R	Max. occ.: 1

Description   **Beginning of message**

	Description	Manor	Example	Remarks	
C002	Document/message name	R			
1001	Document name code	R an..3	+78	**78**	Inventory movement advice Advice of inventory movements.
C106	Document/message identification	R			
1004	Document identifier	R an..35	+OIV01008427	Inventory movement advice number assigned by the document sender.	
1225	Message function code	R an..3	+9'	**9**	Original

This segment is used to indicate the type and function of a message and to transmit the identifying number.
All references other than the document number DE 1004 are to be put in the RFF segment.
DE 1001: Code value 35 is used to report on the actual inventory held at the time the report is produced.
Code value 78 is used to identify movements to and from inventory during the validity period defined.
DE 1004: It is recommended that the length of the document number be restricted to a maximum of 17 characters.
DE 1225: The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. The following definition apply for the restricted code:
9 = Original - An original transmission of an inventory report.

Example:
BGM+78+OIV01008427+9'

Segments Layout

Segment					

Segment   **DTM**   No.:   5   Level: 1
Status   R   Max. occ.: 10

Description   Date/time/period

	Description	Manor	Example	Remarks	
C507	Date/time/period	R			
2005	Date or time or period function code qualifier	R an..3	+137	**137**	Document/message date/time
2380	Date or time or period value	R an..35	:20211113	Document/message date/time	
2379	Date or time or period format code	R an..3	:102'	**102**	CCYYMMDD

This segment is used to specify any dates relevant to the complete Inventory Report.
DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the inventory report.

Example:
DTM+137:20211113:102'

Segments Layout

Group		SG1	Status O	Max. occ.: 10	RFF+CT Contract number

Segment		RFF	No.: 6	Level: 1
			Status R	Max. occ.: 1

Description   Reference

Description	Manor	Example	Remarks
C506 Reference	R		
1153 Reference code qualifier	R an..3	+CT	**CT** Contract number
1154 Reference identifier	R an..70	:CONSID43112'	EX VMI+WWS No.

This segment is used to provide references for the entire message.
All references should normally be given within this segment if they apply to the whole transaction.

Example:
RFF+CT:CONSID43112'

Segments Layout

Group	SG1	Status O	Max. occ.: 10	RFF+CT Contract number

Segment	DTM	No.: 7	Level: 2
		Status R	Max. occ.: 1

Description   **Date/time/period**

	Description	Manor	Example	Remarks	
C507	Date/time/period	R			
2005	Date or time or period function code qualifier	R an..3	+171	**171**	Reference date/time
2380	Date or time or period value	R an..35	:20180326	Reference date/time	
2379	Date or time or period format code	R an..3	:102'	**102**	CCYYMMDD

This segment is used to specify dates relating to the references given in the previous RFF segment.

Example:
DTM+171:20180326:102'

Segments Layout

Group	SG2	Status	R	Max. occ.: 20	NAD+SF Ship from

Segment	NAD	No.: 8	Level: 1
		Status R	Max. occ.: 1

Description   **Name and address**

	Description	Manor	Example	Remarks	
3035	Party function code qualifier	R an..3	+SF	**SF**	Ship from Identification of the party from where goods will be or have been shipped.
C082	Party identification details	R			
3039	Party identifier	R an..35	+7699999999999	GLN of the Party - Format n13	
1131	Code list identification code	N an..17	:		
3055	Code list responsible agency code	R an..3	:9'	**9**	GS1

This segment is used to identify the trading partners involved in the Inventory Report message.
Identification of the parties exchanging the message is mandatory in EANCOM.
If coded address information can not be used it is recommended to use a structured address (C080 through 3207).
DE 3039: For identification of parties it is recommended to use EAN location numbers.

Example:
NAD+SF+7699999999999::9'

Segments Layout

Group	**SG2**	Status R	Max. occ.: 20	NAD+ST Ship to	

Segment	**NAD**	No.: 9 Status R	Level: 1 Max. occ.: 1		

Description   **Name and address**

	Description	Manor	Example	Remarks	
3035	Party function code qualifier	R an..3	+ST	**ST**	Ship to Identification of the party to where goods will be or have been shipped.
C082	Party identification details	R			
3039	Party identifier	R an..35	+7655555555555	GLN of the Party - Format n13	
1131	Code list identification code	N an..17	:		
3055	Code list responsible agency code	R an..3	:9'	**9**	GS1

This segment is used to identify the trading partners involved in the Inventory Report message.
Identification of the parties exchanging the message is mandatory in EANCOM.
If coded address information can not be used it is recommended to use a structured address (C080 through 3207).
DE 3039: For identification of parties it is recommended to use EAN location numbers.

Example:
NAD+ST+7655555555555::9'

Segments Layout

Group		SG9	Status	R	Max. occ.: 999999 LIN-PIA-IMD-SG11

Segment		LIN	No.: 10 Status R	Level: 1 Max. occ.: 1

Description   Line item

	Description	Manor	Example	Remarks
1082	Line item identifier	R an..6	+1	Application generated number of the count of the item lines within the Inventory movement advice.
1229	Action request/notification description code	N an..3	+	
C212	Item number identification	D		
7140	Item identifier	R an..35	+4061946442930	EAN-8, UPC-A, EAN-13, or DUN-14 - this is the number of the article being reported. Consumer Unit identification
7143	Item type identification code	R an..3	:SRV'	**SRV** GS1 Global Trade Item Number A unique number, up to 14-digits, assigned according to the numbering structure of the GS1 system. 'GS1' stands for the 'Global Standards One'. **UP** UPC (Universal product code)

This segment is used to identify a specific line item in the inventory report.

The detail section of the Inventory Report is formed by a repeating group of segments, always starting with the LIN segment.

In a simple Inventory Report covering one location, the LIN segment will contain the product identification with related stock quantities specified using only the QTY and LOC segments in segment group 11.

In an extended Inventory Report covering multiple locations, an available option is to provide total stock quantities for all locations using the QTY and LOC segments in segment group 11, with the quantities per location further broken down using the full range of segments available in segment group 11.

Example:
LIN+1++716736052809:UP'
LIN+1++4061946442930:SRV'

Segments Layout

Group	**SG9**	Status R	Max. occ.: 999999 LIN-PIA-IMD-SG11

Segment	**PIA**	No.: 11 Level: 2 Status R Max. occ.: 10

Description   **Additional product id**

	Description	Manor	Example	Remarks	
4347	Product identifier code qualifier	R an..3	+1	**1**	Additional identification
C212	Item number identification	R			
7140	Item identifier	R an..35	+P0-15200712	Manor product number	
7143	Item type identification code	R an..3	:IN	**IN**	Buyer's item number
1131	Code list identification code	N an..17	:		
3055	Code list responsible agency code	R an..3	:92'	**92**	Assigned by buyer or buyer's agent

This segment is used to identify additional product codes for the current line item.

In this example the PIA segment is used to provide an additional identification to the article number provided in the LIN segment. The EAN article number 4061946442930 provided in the LIN segment refers to the internal Manor product number P0-15200712.

Example:
PIA+1+P0-15200712:IN::92'

Segments Layout

Group	SG9	Status	R	Max. occ.: 999999 LIN-PIA-IMD-SG11

Segment	PIA	No.: 12	Level: 2
		Status R	Max. occ.: 10

Description   **Additional product id**

	Description	Manor	Example	Remarks	
4347	Product identifier code qualifier	R an..3	+1	**1**	Additional identification
C212	Item number identification	R			
7140	Item identifier	R an..35	+119	Manor commodity group	
7143	Item type identification code	R an..3	:CG	**CG**	Commodity grouping
1131	Code list identification code	N an..17	:		
3055	Code list responsible agency code	R an..3	:92'	**92**	Assigned by buyer or buyer's agent

This segment is used to identify additional product codes for the current line item.

In this example the PIA segment is used to provide an additional identification to the article number provided in the LIN segment. The EAN article number 4061946442930 provided in the LIN segment refers to the internal Manor commodity group 119.

Example:
PIA+1+119:CG::92'

Segments Layout

Group	**SG9**	Status R	Max. occ.: 999999 LIN-PIA-IMD-SG11

Segment	**IMD**	No.: 13 Status O	Level: 2 Max. occ.: 10

Description   **Item description**

	Description	Manor	Example	Remarks	
7077	Description format code	R an..3	+F	**F**	Free-form
C272	Item characteristic	R			
7081	Item characteristic code	R an..3	+BRN	**BRN**	Brand name (GS1 Temporary Code)
C273	Item description	R			
7009	Item description code	N an..17	+		
1131	Code list identification code	N an..17	:		
3055	Code list responsible agency code	N an..3	:		
7008	Item description	R an..25	:Haarschmuck'	Brand name	

This segment is used to describe the current line item.

It is recommended to use this segment only for coded descriptions. Data element 7008 in clear text should only be
used when no product code is available or when free-form descriptions are required by trading partners.

Example:
IMD+F+BRN+:::Haarschmuck'

Segments Layout

Group	**SG9**	Status R	Max. occ.: 999999 LIN-PIA-IMD-SG11
Group	**SG11**	Status R	Max. occ.: 9999 INV-QTY-SG13
Segment	**INV**	No.: 14 Level: 2 Status R Max. occ.: 1	

Description   **Inventory management related details**

	Description	Manor	Example	Remarks
4501	Inventory movement direction code	N an..3	+	
7491	Inventory type code	N an..3	+	
4499	Inventory movement reason code	R an..3	+1'	**1** Movement advice

This segment is used to identify the inventory movement direction.

Example:
With the combination of INV and QTY segments in segmentgroup 11 the following informations can be transmitted. Attention: There must be always 1 INV / 1 QTY:

INV+++1'
QTY+156:2:PCE'

Segments Layout

Group	SG9	Status R	Max. occ.: 999999 LIN-PIA-IMD-SG11

Group	SG11	Status R	Max. occ.: 9999 INV-QTY-SG13

Segment	QTY	No.: 15	Level: 3
		Status R	Max. occ.: 1

Description   **Quantity**

Description	Manor	Example	Remarks	
C186 Quantity details	R			
6063 Quantity type code qualifier	R an..3	+156	**156**	Inventory movement quantity To specify the quantity of an inventory movement.
6060 Quantity	R an..35	:2	Quantity	
6411 Measurement unit code	O an..3	:PCE'	**PCE**	Piece (GS1 Temporary Code)

This segment is used to express the quantities related to the current line item.

Example:
QTY+156:2:PCE'

Segments Layout

Group	SG9	Status R	Max. occ.: 999999 LIN-PIA-IMD-SG11

Group	SG11	Status R	Max. occ.: 9999 INV-QTY-SG13

Group	SG13	Status O	Max. occ.: 5 PRI+AAA

Segment	PRI	No.: 16 Level: 3 Status R Max. occ.: 1

Description   **Price details**

Description	Manor	Example	Remarks	
C509 Price information	R			
5125 Price code qualifier	R an..3	+AAA	**AAA**	Calculation net The price stated is the net price including allowances/ charges. Allowances/charges may be stated for information only.
5118 Price amount	R n..15	:1.22	Price amount	
5375 Price type code	R an..3	:CT'	**CT**	Contract Code specifying the contract price.

The segment is used to specify the price information for the current line item.

Example:
PRI+AAA:1.22:CT'

Segments Layout

Segment

UNT	No.: 17 Level: 0
	Status R Max. occ.: 1

Description   **Message trailer**

	Description	Manor	Example	Remarks
0074	Number of segments in a message	R n..10	+15	The total number of segments in the message is detailed here.
0062	Message reference number	R an..14	+1'	The message reference detailed here should equal the one specified in the UNH segment.

This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example:
UNT+15+1'

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Segments Layout

Segment **UNZ** No.: 18 Level: 0
Status R Max. occ.: 1

Description **Interchange trailer**

	Description	Manor	Example	Remarks
0036	Interchange control count	R n..6	+1	The total number of messages in the interchange is detailed here.
0020	Interchange control reference	R an..14	+1966'	The interchange reference detailed here should equal the one specified in the UNB segment.

This segment is used to provide the trailer of an interchange.

Example:
UNZ+1+1966'

Example

```
UNA:+.? '
UNB+UNOC:4+7612096000005:14+7699999999999:14+211113:0028+1966+++++1'
UNH+1+INVRPT:D:01B:UN:EAN004'
BGM+78+OIV01008427+9'
DTM+137:20211113:102'
RFF+CT:CONSID43112'
DTM+171:20180326:102'
NAD+SF+7699999999999::9'
NAD+ST+7655555555555::9'
LIN+1++4061946442930:SRV'
PIA+1+P0-15200712:IN::92'
PIA+1+119:CG::92'
IMD+F+BRN+:::Haarschmuck'
INV+++1'
QTY+156:2:PCE'
PRI+AAA:1.22'
LIN+2++4061946499999:SRV'
PIA+1+P0-15200799:IN::92'
PIA+1+999:CG::92'
IMD+F+BRN+:::Ohrring'
INV+++1'
QTY+156:35:PCE'
PRI+AAA:1.95'
UNT+22+1'
UNZ+1+1966'
```