



**BOSCH**

Message Implementation Guideline

## **INVRPT**

based on

### **EDIFACT INVRPT**

Inventory report message

**UN D.13A S3**

***Version 4***

Directory: D.13A  
Variant: VDA4990  
Issue date: 12.05.2023  
Author: BD/PO11  
Contact: EAI.SolutionCenter1@de.bosch.com



Inventory report message

**Structure / Table of Contents**

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	UNA	C	1	0	Service string advice
0000	2	UNB	M	1	0	Interchange header
0010	3	UNH	M	1	0	Message header (SG0 UNH-UNT can be repeated up to 9999)
0020	4	BGM	M	1	0	Beginning of message
0040	5	DTM	M	1	1	Inventory report reference date
0080		SG2	R	1	1	Warehouse keeper
0090	6	NAD	M	1	1	Name and address
0080		SG2	R	1	1	Inventory controller
0090	7	NAD	M	1	1	Name and address
0080		SG2	C	1	1	Ship-To party
0090	8	NAD	M	1	1	Name and address
0100	9	LOC	C	5	2	Place of discharge
0080		SG2	C	1	1	Seller
0090	10	NAD	M	1	1	Name and address
0290		SG9	C	9999999	1	Article details
0300	11	LIN	M	1	1	Line item
0310	12	PIA	C	1	2	Additional product id
0320	13	IMD	C	1	2	Item description
0450		SG12	C	9999	2	Inventory movements
0460	14	INV	M	1	2	Inventory management related details
0470	15	QTY	M	1	3	Inventory movement quantity
0470	16	QTY	M	1	3	Actual stock quantity
0490	17	LOC	C	1	3	Place/location identification
0500	18	DTM	C	1	3	Booking date
0600		SG15	C	1	3	Despatch note number
0610	19	RFF	M	1	3	Reference
0620	20	DTM	C	1	4	Despatch date
0600		SG15	C	1	3	Receiving advice number
0610	21	RFF	M	1	3	Reference
0620	22	DTM	C	1	4	Transaction date
0600		SG15	C	1	3	Order number (for invoicing, if selfbilling is not possible)
0610	23	RFF	M	1	3	Reference
0770	24	UNT	M	1	0	Message trailer
0000	25	UNZ	M	1	0	Interchange trailer

Counter = Counter of segment/group within the standard  
 No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0000	1	<b>UNA</b>	C	1	0	Service string advice

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNA				
UNA1	Component data element separator	M an1	M an1	
UNA2	Data element separator	M an1	M an1	
UNA3	Decimal notation	M an1	M an1	
UNA4	Release indicator	M an1	M an1	
UNA5	Reserved for future use	M an1	M an1	
UNA6	Segment terminator	M an1	M an1	

**Remark:**

**Example:**

UNA:+. ? ' |

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

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# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0000	2	<b>UNB</b>	M	1	0	Interchange header

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNB				
S001	Syntax identifier	M	M	
0001	Syntax identifier	M a4	M a4	<b>UNOC UN/EDC level C</b> <b>UNOW UN/EDC level W (UTF-8)</b>
0002	Syntax version number	M an1	M an1	<b>3 Version 3</b> <b>X Version X (only in case of character set UNOW) following ISO9735 recommendation</b>
0080	Service code list directory version number	C an..6	N	Not used
0133	Character encoding, coded	C an..3	N	Not used
0076	Syntax release number	C an2	N	Not used
S002	Interchange sender	M	M	
0004	Interchange sender identification	M an..35	M an..35	'BOSCH EDI-TEAM' in case of UNB_0035=1 'BOSCH TEST-EDI'
0007	Identification code qualifier	C an..4	N	Not used
0008	Interchange sender internal identification	C an..35	C an..35	Code of BOSCH ordering plant
0042	Interchange sender internal sub-identification	C an..35	N	Not used
S003	Interchange recipient	M	M	
0010	Interchange recipient identification	M an..35	M an..35	BOSCH Supplier Number
0007	Identification code qualifier	C an..4	N	Not used
0014	Interchange recipient internal identification	C an..35	N	Not used
0046	Interchange recipient internal sub-identification	C an..35	N	Not used
S004	Date and time of preparation	M	M	
0017	Date	M n8	M n..8	in case of Syntax Version X, date is extended to 8 bytes (YYYYMMDD)
0019	Time	M n4	M n4	
0020	Interchange control reference	M an..14	M an..14	
S005	Recipient reference/password details	C	N	
0022	Recipient reference/password	M an..14	N	Not used
0025	Recipient reference/password qualifier	C an2	N	Not used
0026	Application reference	C an..14	N	Not used
0029	Processing priority code	C a1	N	Not used
0031	Acknowledgement request	C n1	N	Not used
0032	Interchange agreement identifier	C an..35	N	Not used
0035	Test indicator	C n1	C n1	in case of test <b>1 Interchange is a test</b>

**Remark:**

**Example:**

UNB+UNOC:3+BOSCH EDI-TEAM::0780+000123456+060301:0615+00000000000413+++++1'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

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 O=Optional, F=Floating, D=Dependent, A=Advised,  
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Inventory report message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0010	3	<b>UNH</b>	M	1	0	Message header (SG0 UNH-UNT can be repeated up to 9999)

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNH				
0062	Message reference number	M an..14	M an..14	
S009	Message identifier	M	M	
0065	Message type	M an..6	M an..6	<b>INVRPT Inventory report message</b>
0052	Message version number	M an..3	M an..3	<b>D Draft version/UN/EDIFACT Directory</b>
0054	Message release number	M an..3	M an..3	<b>13A Release 2013 - A</b>
0051	Controlling agency, coded	M an..3	M an..3	<b>UN UN/CEFACT</b>
0057	Association assigned code	C an..6	C an..6	GAVJ10 VDA INVRPT Version 1.0
0110	Code list directory version number	C an..6	N	Not used
0113	Message type sub-function identification	C an..6	N	Not used
0068	Common access reference	C an..35	N	Not used
S010	Status of the transfer	C	N	
0070	Sequence of transfers	M n..2	N	Not used
0073	First and last transfer	C a1	N	Not used
S016	Message subset identification	C	N	
0115	Message subset identification	M an..14	N	Not used
0116	Message subset version number	C an..3	N	Not used
0118	Message subset release number	C an..3	N	Not used
0051	Controlling agency, coded	C an..3	N	Not used
S017	Message implementation guideline identification	C	N	
0121	Message implementation guideline identification	M an..14	N	Not used
0122	Message implementation guideline version number	C an..3	N	Not used
0124	Message implementation guideline release number	C an..3	N	Not used
0051	Controlling agency, coded	C an..3	N	Not used
S018	Scenario identification	C	N	
0127	Scenario identification	M an..14	N	Not used
0128	Scenario version number	C an..3	N	Not used
0130	Scenario release number	C an..3	N	Not used
0051	Controlling agency, coded	C an..3	N	Not used

Remark:

Example:

UNH+1+INVRPT:D:13A:UN:GAVJ10'

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Inventory report message

**Segments**

Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	<b>BGM</b>	M	1	0	Beginning of message

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
BGM				
C002	Document/message name	C	C	
1001	Document name code	C an..3	C an..3	<b>35 Inventory report</b>
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
1000	Document name	C an..35	N	Not used
C106	Document/message identification	C	C	
1004	Document identifier	C an..70	C an..70	inventory report reference number
1056	Version identifier	C an..9	N	Not used
1060	Revision identifier	C an..6	N	Not used
1225	Message function code	C an..3	N	Not used
4343	Response type code	C an..3	N	Not used
1373	Document status code	C an..3	N	Not used

**Remark:**

**Example:**

BGM+35+078200603010000000015192923'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
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# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0040	5	<b>DTM</b>	M	1	1	Inventory report reference date

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	<b>137 Document issue date time</b>
2380	Date or time or period text	C an..35	C an..35	
2379	Date or time or period format code	C an..3	C an..3	<b>102 CCYYMMDD</b>

**Remark:**

**Example:**

DTM+137:20060301:102'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

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 O=Optional, F=Floating, D=Dependent, A=Advised,  
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Inventory report message

**Segments**

Counter	No	Tag	St	MaxOcc	Level	Name
	0080	<b>SG2</b>	R	1	1	<b>Warehouse keeper</b>
	0090	<b>NAD</b>	M	1	1	<b>Name and address</b>

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	For the inventory responsible party <b>WH Warehouse keeper</b>
C082	Party identification details	C	R	
3039	Party identifier	M an..35	R an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	C an..3	<b>92 Assigned by buyer or buyer's agent</b>
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	N	
3036	Party name	M an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	N	
3042	Street and number or post office box identifier	M an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	N	Not used
C819	Country subdivision details	C	N	
3229	Country subdivision identifier	C an..9	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country subdivision name	C an..70	N	Not used
3251	Postal identification code	C an..17	N	Not used
3207	Country identifier	C an..3	N	Not used

**Remark:**

**Example:**

NAD+WH+0780:::92'

No = Consecutive segment number  
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 Counter = Counter of segment/group within the standard

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Inventory report message

**Segments**

Counter	No	Tag	St	MaxOcc	Level	Name
0080		<b>SG2</b>	R	1	1	Inventory controller
0090	7	<b>NAD</b>	M	1	1	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	Recipient of the inventory report <b>GM Inventory controller</b>
C082	Party identification details	C	R	
3039	Party identifier	M an..35	R an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	C an..3	<b>92 Assigned by buyer or buyer's agent</b>
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	N	
3036	Party name	M an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	N	
3042	Street and number or post office box identifier	M an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	N	Not used
C819	Country subdivision details	C	N	
3229	Country subdivision identifier	C an..9	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country subdivision name	C an..70	N	Not used
3251	Postal identification code	C an..17	N	Not used
3207	Country identifier	C an..3	N	Not used

**Remark:**

**Example:**

NAD+GM+1234567890::92'

No = Consecutive segment number  
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Inventory report message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0080		<b>SG2</b>	C	1	1	Ship-To party
0090	8	<b>NAD</b>	M	1	1	Name and address

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	<b>ST Ship to</b>
C082	Party identification details	C	R	
3039	Party identifier	M an..35	R an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	C an..3	<b>92 Assigned by buyer or buyer's agent</b>
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	N	
3036	Party name	M an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	N	
3042	Street and number or post office box identifier	M an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	N	Not used
C819	Country subdivision details	C	N	
3229	Country subdivision identifier	C an..9	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country subdivision name	C an..70	N	Not used
3251	Postal identification code	C an..17	N	Not used
3207	Country identifier	C an..3	N	Not used

Remark:

Example:

NAD+ST+0780 : : 92 '

No = Consecutive segment number  
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Inventory report message

**Segments**

Counter	No	Tag	St	MaxOcc	Level	Name
0080		<b>SG2</b>	C	1	1	Ship-To party
0100	9	<b>LOC</b>	C	5	2	Place of discharge

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LOC				
3227	Location function code qualifier	M an..3	M an..3	<b>11 Place of discharge</b>
C517	Location identification	C	R	
3225	Location identifier	C an..35	R an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	C an..3	<b>92 Assigned by buyer or buyer's agent</b>
3224	Location name	C an..256	N	Not used
C519	Related location one identification	C	N	
3223	First related location identifier	C an..35	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3222	First related location name	C an..70	N	Not used
C553	Related location two identification	C	N	
3233	Second related location identifier	C an..35	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3232	Second related location name	C an..70	N	Not used
5479	Relation code	C an..3	N	Not used

**Remark:**

**Example:**

LOC+11+AEA01::92'

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Inventory report message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0080		<b>SG2</b>	C	1	1	<b>Seller</b>
0090	10	<b>NAD</b>	M	1	1	<b>Name and address</b>

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
NAD				
3035	Party function code qualifier	M an..3	M an..3	<b>SE Seller</b>
C082	Party identification details	C	R	
3039	Party identifier	M an..35	R an..35	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	C an..3	<b>92 Assigned by buyer or buyer's agent</b>
C058	Name and address	C	N	
3124	Name and address description	M an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
3124	Name and address description	C an..35	N	Not used
C080	Party name	C	N	
3036	Party name	M an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3036	Party name	C an..70	N	Not used
3045	Party name format code	C an..3	N	Not used
C059	Street	C	N	
3042	Street and number or post office box identifier	M an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3042	Street and number or post office box identifier	C an..35	N	Not used
3164	City name	C an..35	N	Not used
C819	Country subdivision details	C	N	
3229	Country subdivision identifier	C an..9	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3228	Country subdivision name	C an..70	N	Not used
3251	Postal identification code	C an..17	N	Not used
3207	Country identifier	C an..3	N	Not used

Remark:

Example:

NAD+SE+1234567890::92'

No = Consecutive segment number  
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# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name	
	0290	<b>SG9</b>	C	9999999	1	Article details	
	0300	11	<b>LIN</b>	M	1	1	Line item

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LIN				
1082	Line item identifier	C an..6	C an..6	
1229	Action code	C an..3	N	Not used
C212	Item number identification	C	R	
7140	Item identifier	C an..35	R an..35	
7143	Item type identification code	C an..3	R an..3	<b>IN Buyer's item number</b>
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C829	Sub-line information	C	N	
5495	Sub-line indicator code	C an..3	N	Not used
1082	Line item identifier	C an..6	N	Not used
1222	Configuration level number	C n..2	N	Not used
7083	Configuration operation code	C an..3	N	Not used

**Remark:**

**Example:**

LIN+1++3444229765:IN'

No = Consecutive segment number  
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Inventory report message

Segments

Counter	No	Tag	St	MaxOcc	Level	Name	
	0290	<b>SG9</b>	C	9999999	1	Article details	
	0310	12	<b>PIA</b>	C	1	2	Additional product id

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
<b>PIA</b>				
4347	Product identifier code qualifier	M an..3	M an..3	<b>1 Additional identification</b>
C212	Item number identification	M	R	
7140	Item identifier	C an..35	R an..35	
7143	Item type identification code	C an..3	R an..3	<b>SA Supplier's article number</b>
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
<b>NB Batch number</b>				
C212	Item number identification	C	C	
7140	Item identifier	C an..35	C an..35	
7143	Item type identification code	C an..3	C an..3	
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C212	Item number identification	C	N	
7140	Item identifier	C an..35	N	Not used
7143	Item type identification code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C212	Item number identification	C	N	
7140	Item identifier	C an..35	N	Not used
7143	Item type identification code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used

Remark:

Example:

PIA+1+IC 44322M:SA+Charge1:NB'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

Inventory report message

**Segments**

Counter	No	Tag	St	MaxOcc	Level	Name	
	0290	<b>SG9</b>	C	9999999	1	Article details	
	0320	13	<b>IMD</b>	C	1	2	Item description

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
IMD				
7077	Description format code	C an..3	N	Not used
C272	Item characteristic	C	N	
7081	Item characteristic code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
C273	Item description	C	C	
7009	Item description code	C an..17	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
7008	Item description	C an..256	C an..256	
7008	Item description	C an..256	N	Not used
3453	Language name code	C an..3	N	Not used
7383	Surface or layer code	C an..3	N	Not used

**Remark:**

**Example:**

IMD+++::description'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

Inventory report message

**Segments**

Counter	No	Tag	St	MaxOcc	Level	Name
	0450	<b>SG12</b>	C	9999	2	Inventory movements
	0460	14 <b>INV</b>	M	1	2	Inventory management related details

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
INV				
4501	Inventory movement direction code	C an..3	C an..3	<b>1 Movement out of inventory</b> <b>2 Movement into inventory</b>
7491	Inventory type code	C an..3	N	Not used
4499	Inventory movement reason code	C an..3	C an..3	<b>1 Reception</b> <b>4 Difference</b> <b>11 Consumption</b>
4503	Inventory balance method code	C an..3	N	Not used
C522	Instruction	C	N	
4403	Instruction type code qualifier	M an..3	N	Not used
4401	Instruction description code	C an..3	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
4400	Instruction description	C an..35	N	Not used

**Remark:**

INV+1+++11 => Consumption  
 INV+2+++1 => Reception  
 INV+1+++4 => negative difference  
 INV+2+++4 => positive difference

**Example:**

INV+1+++11'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
	0450	<b>SG12</b>	C	9999	2	Inventory movements
	0470	15 <b>QTY</b>	M	1	3	Inventory movement quantity

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
QTY				
C186	Quantity details	M	M	
6063	Quantity type code qualifier	M an..3	M an..3	<b>156 Inventory movement quantity</b>
6060	Quantity	M an..35	R an..35	
6411	Measurement unit code	C an..8	R an..8	<b>PCE Pieces</b>

**Remark:**

**Example:**

QTY+156:500:PCE'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
	0450	<b>SG12</b>	C	9999	2	Inventory movements
	0470	16 <b>QTY</b>	M	1	3	Actual stock quantity

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
QTY				
C186	Quantity details	M	M	
6063	Quantity type code qualifier	M an..3	M an..3	<b>145 Actual stock</b>
6060	Quantity	M an..35	M an..35	
6411	Measurement unit code	C an..8	C an..8	<b>PCE</b>

Remark:

Example:

QTY+145:5500:PCE'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

Inventory report message

**Segments**

Counter	No	Tag	St	MaxOcc	Level	Name
	0450	<b>SG12</b>	C	9999	2	<b>Inventory movements</b>
	0490	17 <b>LOC</b>	C	1	3	<b>Place/location identification</b>

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
LOC				<b>18 Warehouse</b>
3227	Location function code qualifier	M an..3	M an..3	
C517	Location identification	C	C	
3225	Location identifier	C an..35	M an..35	XA – Own stock unrestricted XB – Own stock in quality inspection XC – Own stock blocked <b>YA – Consignment stock unrestricted</b> YB – Consignment stock in quality inspection YC – Consignment stock blocked
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3224	Location name	C an..256	C an..256	
C519	Related location one identification	C	N	
3223	First related location identifier	C an..35	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3222	First related location name	C an..70	N	Not used
C553	Related location two identification	C	N	
3233	Second related location identifier	C an..35	N	Not used
1131	Code list identification code	C an..17	N	Not used
3055	Code list responsible agency code	C an..3	N	Not used
3232	Second related location name	C an..70	N	Not used
5479	Relation code	C an..3	N	Not used

**Remark:**

YA is standard, all other types are for future use.

**Example:**

LOC+18+YA::storage name'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
	0450	<b>SG12</b>	C	9999	2	Inventory movements
	0500	18 <b>DTM</b>	C	1	3	Booking date

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	<b>179 Booking date/time</b>
2380	Date or time or period text	C an..35	C an..35	
2379	Date or time or period format code	C an..3	C an..3	<b>102 CCYYMMDD</b>

**Remark:**

**Example:**

DTM+179:20060228:102'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
	0600	<b>SG15</b>	C	1	3	<b>Despatch note number</b>
	0610	19 <b>RFF</b>	M	1	3	<b>Reference</b>

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	<b>AAK Despatch advice number</b>
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
1056	Version identifier	C an..9	N	Not used
1060	Revision identifier	C an..6	N	Not used

**Remark:**

**Example:**

RFF+AAK:004711'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
	0600	<b>SG15</b>	C	1	3	Despatch note number
	0620	20 <b>DTM</b>	C	1	4	Despatch date

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	<b>171 Reference date/time</b>
2380	Date or time or period text	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	<b>102 CCYYMMDD</b>

**Remark:**

**Example:**

DTM+171:20060228:102'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
	0600	<b>SG15</b>	C	1	3	Receiving advice number
	0610	21 <b>RFF</b>	M	1	3	Reference

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	<b>ALO Receiving advice number</b>
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	N	Not used
1056	Version identifier	C an..9	N	Not used
1060	Revision identifier	C an..6	N	Not used

**Remark:**

**Example:**

RFF+ALO:6655544 GH5'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0600		<b>SG15</b>	C	1	3	Transaction reference number
0620	22	<b>DTM</b>	C	1	4	Transaction date

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
DTM				
C507	Date/time/period	M	M	
2005	Date or time or period function code qualifier	M an..3	M an..3	<b>171 Reference date/time</b>
2380	Date or time or period text	C an..35	R an..35	
2379	Date or time or period format code	C an..3	R an..3	<b>102 CCYYMMDD</b>

**Remark:**

**Example:**

DTM+171:20060228:102'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
	0600	<b>SG15</b>	C	1	3	Order number (for invoicing, if selfbilling is not possible)
	0610	23 <b>RFF</b>	M	1	3	Reference

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
RFF				
C506	Reference	M	M	
1153	Reference code qualifier	M an..3	M an..3	<b>ON Order document identifier, buyer assigned</b>
1154	Reference identifier	C an..70	R an..70	
1156	Document line identifier	C an..6	R an..6	
1056	Version identifier	C an..9	N	Not used
1060	Revision identifier	C an..6	N	Not used

**Remark:**

**Example:**

RFF+ON:12345678:001'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0770	24	<b>UNT</b>	M	1	0	Message trailer

		Standard	Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNT				
0074	Number of segments in the message	M n..6	M n..6	
0062	Message reference number	M an..14	M an..14	

**Remark:**

**Example:**

UNT+23+1'

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

# EDIFACT INVRPT D.13A



## Inventory report message

### Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0000	25	<b>UNZ</b>	M	1	0	Interchange trailer

Standard			Implementation	
Tag	Name	St Format	St Format	Usage / Remark
UNZ				
0036	Interchange control count	M n..6	M n..6	
0020	Interchange control reference	M an..14	M an..14	

**Remark:**

**Example:**

UNZ+1+00000000000413'

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
O=Optional, F=Floating, D=Dependent, A=Advised,  
S=Situational, X=Not used, N=Not recommended)

Inventory report message

Example message

No. Tag	Example
0000 <b>UNA</b>	UNA:+.? '
0000 <b>UNB</b>	UNB+UNOC:3+BOSCH EDI-TEAM::0780+000123456+060301:0615+00000000 000413+++++1'
0010 <b>UNH</b>	UNH+1+INVRPT:D:13A:UN:GAVJ10'
0020 <b>BGM</b>	BGM+35+078200603010000000015192923'
0040 <b>DTM</b>	DTM+137:20060301:102'
<b>SG2</b>	
0090 <b>NAD</b>	NAD+WH+0780::92'
<b>SG2</b>	
0090 <b>NAD</b>	NAD+GM+1234567890::92'
<b>SG2</b>	
0090 <b>NAD</b>	NAD+ST+0780::92'
0100 <b>LOC</b>	LOC+11+AEA01::92'
<b>SG2</b>	
0090 <b>NAD</b>	NAD+SE+1234567890::92'
<b>SG9</b>	
0300 <b>LIN</b>	LIN+1++3444229765:IN'
0310 <b>PIA</b>	PIA+1+IC 44322M:SA+Charge1:NB'
0320 <b>IMD</b>	IMD+++:::description'
<b>SG12</b>	
0460 <b>INV</b>	INV+1++11'
0470 <b>QTY</b>	QTY+156:500:PCE'
0470 <b>QTY</b>	QTY+145:5500:PCE'
0490 <b>LOC</b>	LOC+18+YA:::storage name'
0500 <b>DTM</b>	DTM+179:20060228:102'
<b>SG15</b>	
0610 <b>RFF</b>	RFF+AAK:004711'
0620 <b>DTM</b>	DTM+171:20060228:102'
<b>SG15</b>	
0610 <b>RFF</b>	RFF+ALO:6655544 GH5'
0620 <b>DTM</b>	DTM+171:20060228:102'
<b>SG15</b>	
0610 <b>RFF</b>	RFF+ON:12345678:001'
0770 <b>UNT</b>	UNT+23+1'
0000 <b>UNZ</b>	UNZ+1+000000000000413'

**Change History**

Date	Changes
18.12.2018	Version V2 Batch number on article level
21.01.2020	Version V3 RFF+ON Order number
12.05.2023	Version V4 IS9735 compatible