
MediaMarktSaturn IT Solutions

Message Implementation Guideline

INVRPT; 1.0; 1

based on

INVRPT
Inventory report message

UN D.96A S3

Print date: 17.01.2025
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Table of Contents

History of Changes	3
Message Structure	4
Branching Diagram.....	5
Segments.....	9
Example.....	27

History of Changes

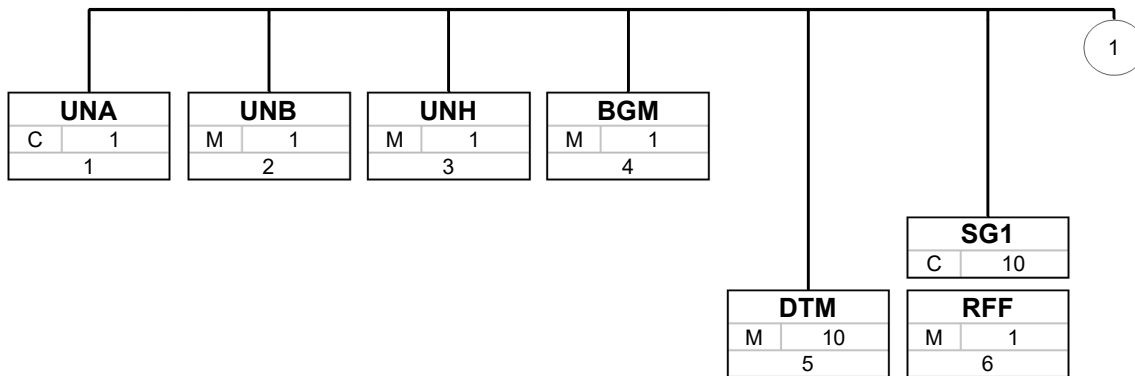
Version	Date	Subject	Content / Trigger of Change	Responsible Person
1.0	08.05.2013	initial	n.a.	Gertrud Fusenig (SA2)
1.1	03.06.2013	Change	Review	Robert Senner
1.2	05.08.2013	Change	added PRI+AAF	Robert Senner
1.3	10.10.2013	Change	Harmonization	Robert Senner
1.4	13.10.2016	Change	added SG1 RFF+ZZZ and SG1 RFF+API, corrected SG11 QTY qualifier	Robert Senner
1.5	01.09.2017	Change	added comment for SG11 QTY+21 (outstanding quantity)	Robert Senner
2.0	01.12.2024	Change	New layout	Darius Leuchten
Version	Date	Subject	Content / Trigger of Change	Responsible Person

Structure / Table of Contents

No	Tag	St	MaxOcc	Content	
1	UNA	C	1	SERVICE STRING ADVICE	UNA:+.? '
2	UNB	M	1	INTERCHANGE HEADER	UNB+UNOC:3+111111111111:14+222222 222222:14+100520:1200+20130520000 1'
3	UNH	M	1	MESSAGE HEADER	UNH+1+INVRPT:D:96A:UN:EAN004'
4	BGM	M	1	Beginning of message	BGM+11+1234567+9'
5	DTM	M	10	Date/time/period	DTM+366:20130505:101'
	SG1	C	10	RFF	
6	RFF	M	1	Reference	RFF+ZZZ:DE'
	SG2	C	20	NAD	
7	NAD	M	1	Name and address	NAD+SU+222222222222::9'
	SG5	C	5	CUX	
8	CUX	M	1	Currencies	CUX+2'
	SG9	C	9999	LIN-PIA-IMD-SG11-SG11	
9	LIN	M	1	Line item	LIN+1+++444444444444:EN'
10	PIA	C	10	Additional product id	PIA+5+82341255:BP'
11	IMD	C	10	Item description	IMD+F++::DWH article description'
	SG11	C	9999	QTY	
12	QTY	M	1	Quantity	QTY+156:7:PCE'
	SG11	C	9999	QTY-LOC-DTM-SG13	
13	QTY	M	1	Quantity	QTY+156:7:PCE'
14	LOC	C	5	Place/location identification	LOC+18+333333333333::9++Name'
15	DTM	C	5	Date/time/period	DTM+50::2'
	SG13	C	5	PRI	
16	PRI	M	1	Price details	PRI+AAB:190::AAB'
17	UNT	M	1	MESSAGE TRAILER	UNT+14+1'
18	UNZ	M	1	INTERCHANGE TRAILER	UNZ+1+201305200001'

No = Consecutive segment number; MaxOcc = Maximum occurrence of the segment/group; St = Status;
 EDIFACT: M=Mandatory, C=Conditional; User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Branching Diagram of Used Segments/Groups



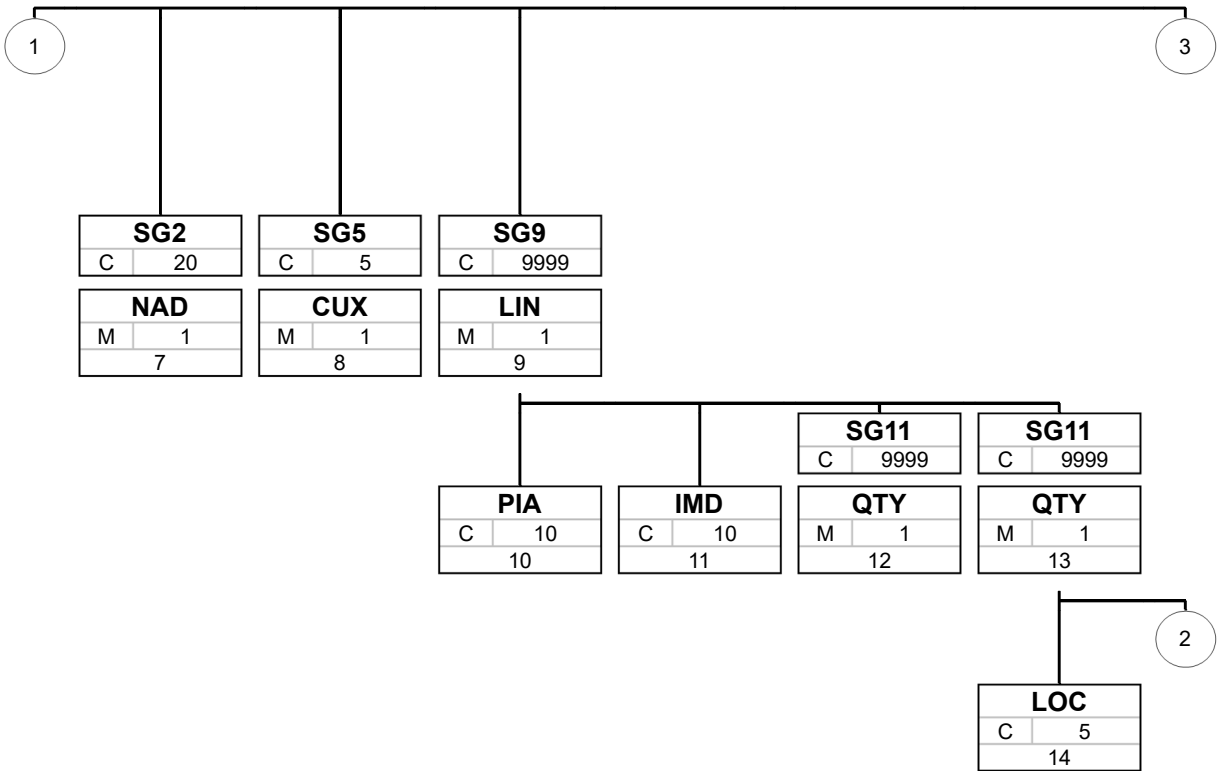
Tag
St MaxOcc
No

Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

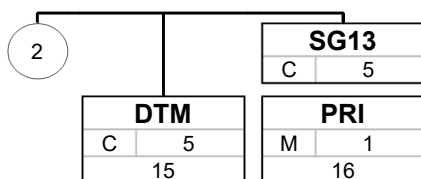
MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number



Tag
St MaxOcc
No

Tag = Segment/Group Tag
St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
MaxOcc = Maximum occurrence of the segment/group
No = Consecutive segment number



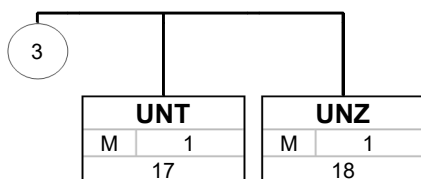
Tag
St MaxOcc
No

Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number



Tag
St MaxOcc
No

Tag = Segment/Group Tag

St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)

MaxOcc = Maximum occurrence of the segment/group

No = Consecutive segment number

Segments

No	Tag	St	MaxOcc	Name
1	UNA	C	1	SERVICE STRING ADVISE

Tag	Name	St	Format	Example	Usage / Remark
UNA				UNA	
UNA1	Component data element separator	M	an1	:	Used as a separator between component data elements contained within a composite data element (default value: ":")
UNA2	Data element separator	M	an1	+	Used to separate two simple or composite data elements (default value: "+")
UNA3	Decimal notation	M	an1	.	Used to indicate the character used for decimal notation (default value: ".")
UNA4	Release indicator	M	an1	?	Used to restore any service character to its original specification (value: "?")
UNA5	Reserved for future use	M	an1		(default value : space)
UNA6	Segment terminator	M	an1	'	Used to indicate the end of segment data (default value : '')

Remark:

This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.

When using the default set of service characters, the UNA segment need not be sent. If it is sent, it must immediately precede the UNB segment and contain the four service string characters (positions UNA1, UNA2, UNA4 and UNA6) selected by the interchange sender.

Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, (i.e., if some default values are being used with user defined ones, both the default and user defined values must be specified).

When expressing the service string characters in the UNA segment, it is not necessary to include any element separators. The use of the UNA segment is required when using a character set other than level A.

Example:

UNA : + . ? ' '

No	Tag	St	MaxOcc	Name
2	UNB	M	1	INTERCHANGE HEADER

Tag	Name	St	Format	Example	Usage / Remark
UNB				UNB	
S001	SYNTAX IDENTIFIER	M			
0001	Syntax identifier	M	a4	+UNOC	UNOC (AT,BE,CH,DE,ES,NL) UNOD (HU,PL)
0002	Syntax version number	M	n1	:3	
S002	INTERCHANGE SENDER	M			
0004	Sender identification	M	an..35	+1111111111 1111	
0007	Partner identification code qualifier	C	an..4	:14	14
S003	INTERCHANGE RECIPIENT	M			
0010	Recipient identification	M	an..35	+2222222222 2222	
0007	Partner identification code qualifier	C	an..4	:14	
S004	DATE/TIME OF PREPARATION	M			
0017	Date of preparation	M	n6	+100520	14
0019	Time of preparation	M	n4	:1200	
0020	Interchange control reference	M	an..14	+201305200 001'	

Remark:

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

Example:

UNB+UNOC:3+11111111111111:14+222222222222:14+100520:1200+201305200001'

No	Tag	St	MaxOcc	Name
3	UNH	M	1	MESSAGE HEADER

Tag	Name	St Format	Example	Usage / Remark
UNH			UNH	
0062	Message reference number	M an..14	+1	
S009	MESSAGE IDENTIFIER	M		
0065	Message type identifier	M an..6	+INVRPT	INVRPT
0052	Message type version number	M an..3	:D	
0054	Message type release number	M an..3	:96A	
0051	Controlling agency	M an..2	:UN	UN
0057	Association assigned code	C an..6	:EAN004 '	

Remark:

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.01B directory under the control of the United Nations.

Example:

UNH+1+INVRPT:D:96A:UN:EAN004 '

No	Tag	St	MaxOcc	Name
4	BGM	M	1	Beginning of message

Tag	Name	St Format	Example	Usage / Remark
BGM			BGM	
C002	Document/message name	C		
1001	Document/message name, coded	C an..3	+11	11 Inventory report
1004	Document/message number	C an..35	+1234567	
1225	Message function, coded	C an..3	+9'	9 Original

Remark:

This segment is used to indicate the type and function of a message and to transmit the identifying number.

Example:

BGM+11+1234567+9'

No	Tag	St	MaxOcc	Name
5	DTM	M	10	Date/time/period

Tag	Name	St Format	Example	Usage / Remark
DTM			DTM	
C507	Date/time/period	M		
2005	Date/time/period qualifier	M an..3	+366	273 Validity period 366 Inventory report date
2380	Date/time/period	C an..35	:20130505	
2379	Date/time/period format qualifier	C an..3	:101'	101 YYMMDD 102 CCYYMMDD 718 CCYYMMDD-CCYYMMDD

Remark:**Example:**

DTM+366:20130505:101'

DTM+366:20130520:102'

DTM+273:2013052020130620:718'

No	Tag	St	MaxOcc	Name
	SG1	C	10	RFF
6	RFF	M	1	Reference

Tag	Name	St Format	Example	Usage / Remark
RFF			RFF	
C506	Reference	M		
1153	Reference qualifier	M an..3	+ZZZ	API Additional party identification (original report name)
1154	Reference number	C an..35	:DE'	ZZZ Mutually defined reference number

Remark:

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+ZZZ:DE'

No	Tag	St	MaxOcc	Name
	SG2	C	20	NAD
7	NAD	M	1	Name and address

Tag	Name	St	Format	Example	Usage / Remark
NAD				NAD	
3035	Party qualifier	M	an..3	+SU	CO Corporate office (Mandatory) SU Supplier (Mandatory)
C082	Party identification details	C			
3039	Party id. identification	M	an..35	+22222222222222222222	
3055	Code list responsible agency, coded	C	an..3	:9'	9 EAN (International Article Numbering association)

Remark:**Example:**

NAD+SU+22222222222222222222: :9'

NAD+CO+X: :9++X'

NAD+CO+11111111111111111111: :9++MEDIA-SATURN'

No	Tag	St	MaxOcc	Name
	SG5	C	5	CUX
8	CUX	M	1	Currencies

Tag	Name	St	Format	Example	Usage / Remark
CUX				CUX	
C504	Currency details	C			
6347	Currency details qualifier	M	an..3	+2 ' 	

Remark:

This segment is used to specify the currencies in which prices in the Inventory Report are quoted.

The CUX segment may be omitted for national exchanges.

The CUX segment is mandatory for international exchanges when valuing inventories.

When specifying reference and target currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of the composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.

Example:

CUX+2 '

Tag	Name	St Format	Example	Usage / Remark
LIN			LIN	
1082	Line item number	C n..6	+1	
C212	Item number identification	C		
7140	Item number	C an..35	+4444444444 4444	
7143	Item number type, coded	C an..3	:EN'	EN International Article Numbering Association (EAN)

```
LIN+1++444444444444:EN'  
LIN+9++444444444444:EN'
```

No	Tag	St	MaxOcc	Name
	SG9	C	9999	LIN-PIA-IMD-SG11
10	PIA	C	10	Additional product id

Tag	Name	St	Format	Example	Usage / Remark
PIA				PIA	
4347	Product id. function qualifier	M	an..3	+5	5 Product identification
C212	Item number identification	M			
7140	Item number	C	an..35	+82341255	
7143	Item number type, coded	C	an..3	:BP'	BP Buyer's part number

Remark:

Example:

PIA+5+82341255:BP'

PIA+5+X:BP'

No	Tag	St	MaxOcc	Name
	SG9	C	9999	LIN-PIA-IMD-SG11
11	IMD	C	10	Item description

Tag	Name	St	Format	Example	Usage / Remark
IMD				IMD	
7077	Item description type, coded	C	an..3	+F	A Free-form long description F Free-form
C273	Item description	C			
7008	Item description	C	an..35	:DWH article description ,	

Remark:

Example:

IMD+F+++::DWH article description'
IMD+A+++::X'

No	Tag	St	MaxOcc	Name
	SG11	C	9999	QTY
12	QTY	M	1	Quantity

Tag	Name	St Format	Example	Usage / Remark
QTY			QTY	
C186	Quantity details	M		
6063	Quantity qualifier	M an..3	+156	145 Actual stock (Mandatory) 156 Inventory movement quantity
6060	Quantity	M n..15	:7	
6411	Measure unit qualifier	C an..3	:PCE'	

Remark:**Example:**

QTY+156:7:PCE'

QTY+156:9'

QTY+145:3:PCE'

No	Tag	St	MaxOcc	Name
	SG11	C	9999	QTY-LOC-DTM-SG13
13	QTY	M	1	Quantity

Tag	Name	St Format	Example	Usage / Remark
QTY			QTY	
C186	Quantity details	M		
6063	Quantity qualifier	M an..3	+156	145 Actual stock (Mandatory) 156 Inventory movement quantity 17 Quantity on hand 21 Ordered quantity, used for outstanding quantity (deprecated) 73 Outstanding quantity (Difference between quantity ordered and quantity received) 97 Minimum inventory 146 Model or target stock 99 Estimated quantity (deprecated) 153 Statistical sales quantity (deprecated) X20 Reserved quantity (deprecated)
6060	Quantity	M n..15	:7	
6411	Measure unit qualifier	C an..3	:PCE'	

Remark:**Example:**

QTY+156:7:PCE '
QTY+156:9 '
QTY+145:3:PCE '

No	Tag	St	MaxOcc	Name
	SG11	C	9999	QTY-LOC-DTM-SG13
14	LOC	C	5	Place/location identification

Tag	Name	St Format	Example	Usage / Remark
LOC			LOC	
3227	Place/location qualifier	M an..3	+18	18 Warehouse
C517	Location identification	C		
3225	Place/location identification	C an..25	+3333333333333333	
3055	Code list responsible agency, coded	C an..3	:9	9 EAN (International Article Numbering association)
C553	Related location two identification	C		
3233	Related place/location two identification	C an..25	+Name '	

Remark:**Example:**

LOC+18+3333333333333333::9++Name '

LOC+18+X::9++X'

No	Tag	St	MaxOcc	Name
	SG11	C	9999	QTY-LOC-DTM-SG13
15	DTM	C	5	Date/time/period

Tag	Name	St	Format	Example	Usage / Remark
DTM				DTM	
C507	Date/time/period	M			
2005	Date/time/period qualifier	M	an..3	+50	50 Goods receipt date/time
2379	Date/time/period format qualifier	C	an..3	:2'	

Remark:

This segment is used to specify dates relevant to the quantity (or sub-quantity) specified in the QTY segment for the current line item.

In the extended Inventory Report this DTM segment may be used to indicate the inventory report date for the sub-quantity and location identified in the QTY and LOC segments respectively.

Example:

DTM+50:::2'

No	Tag	St	MaxOcc	Name
	SG13	C	5	PRI
16	PRI	M	1	Price details

Tag	Name	St Format	Example	Usage / Remark
PRI			PRI	
C509	Price information	C		
5125	Price qualifier	M an..3	+AAB	AAB Calculation gross AAF Information price, including allowances or charges, and taxes
5118	Price	C n..15	:190	
5387	Price type qualifier	C an..3	:AAB'	AAB Price includes tax ABC Group member buying price

Remark:**Example:**

PRI+AAB:190::AAB'

PRI+AAB:9::AAB'

No	Tag	St	MaxOcc	Name
17	UNT	M	1	MESSAGE TRAILER

Tag	Name	St Format	Example	Usage / Remark
UNT			UNT	
0074	Number of segments in a message	M n..6	+14	The total number of segments in the message is detailed here.
0062	Message reference number	M an..14	+1 '	The message reference numbered detailed here should equal the one specified in the UNH segment.

Remark:

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

Example:

UNT+14+1 '
UNT+11+1 '

No	Tag	St	MaxOcc	Name
18	UNZ	M	1	INTERCHANGE TRAILER

Tag	Name	St Format	Example	Usage / Remark
UNZ			UNZ	
0036	Interchange control count	M n..6	+1	Number of messages or functional groups within an interchange.
0020	Interchange control reference	M an..14	+201305200001'	Identical to DE 0020 in UNB segment.

Remark:

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

Example:

UNZ+1+201305200001'

UNZ+1+X'

Example Message

No	Tag	Example
01	UNA	UNA:+. ? '
02	UNB	UNB+UNOC:3+111111111111:14+222222222222:14+100520:1200+201305200001'
03	UNH	UNH+1+INVRPT:D:96A:UN:EAN004'
04	BGM	BGM+11+1234567+9'
05	DTM	DTM+366:20130505:101'
		DTM+366:20130520:102'
		DTM+273:2013052020130620:718'
SG1		
06	RFF	RFF+ZZZ:DE'
SG2		
07	NAD	NAD+SU+222222222222::9'
		NAD+CO+X::9++X'
		NAD+CO+111111111111::9++MEDIA-SATURN'
SG5		
08	CUX	CUX+2'
SG9		
09	LIN	LIN+1++444444444444:EN'
		LIN+9++444444444444:EN'
10	PIA	PIA+5+82341255:BP'
		PIA+5+X:BP'
11	IMD	IMD+F++::DWH article description'
		IMD+A++::X'
SG11		
12	QTY	QTY+156:7:PCE'
		QTY+156:9'
		QTY+145:3:PCE'
SG11		
13	QTY	QTY+156:7:PCE'
		QTY+156:9'
		QTY+145:3:PCE'
14	LOC	LOC+18+333333333333::9++Name'
		LOC+18+X::9++X'
15	DTM	DTM+50::2'
SG13		
16	PRI	PRI+AAB:190::AAB'
		PRI+AAB:9::AAB'
17	UNT	UNT+14+1'
		UNT+11+1'
18	UNZ	UNZ+1+201305200001'
		UNZ+1+X'

No = Consecutive segment number