



NETWORK TOYS GERMANY

EDI Message Format **INVRPT D.96A** (Stock Level Data)

V1.1 of 23.03.2021

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1. Conventions

The present documentation offers different entry opportunities:

- Chapter 2 “Message structure, packed” is listing the individual segments used in the order given by the message. Each segment of the message structure is displayed only once.
- Chapter 3 “Message structure, detailed” is listing the individual segments used in the order given by the message. As a rule, an own segment will be written for each information. Exceptions will develop if one segment can only contain alternative information, i.e. Segment NAD.
- Chapter 4 “Example” contains a commented example of a message.

1.1. Data element formats

The following conventions apply for the present documentation:

a	alphabetical characters
n	numerical characters
an	alphanumeric characters
a3	3 alphabetical characters with fixed length
n3	3 numerical characters with fixed length
an3	3 alphanumeric characters with fixed length
a..3	up to 3 alphabetical characters
n..3	up to 3 numerical characters
an..3	up to 3 alphanumeric characters

1.2. Status displays

M =	mandatory fields which cannot be left empty
K =	optional fields

2. Message structure, packed

Segment	Meaning	Frequency
UNA	Separator requirement	K 1
UNB	User data header segment	M 1
UNH	Message header segment	M 1
BGM	Stock level document number	M 1
DTM	Stock level document date	M 5
DTM	Report period-start/-end	K 10
NAD	Identification supplier/buyer/stock level reporter	M 3
RFF	Reference number of the trader/supplier	K 1
LIN	Item number and EAN	M 200000
PIA	Item number of the supplier	K 5
PIA	Item number of the buyer	K 5
IMD	Direct shipment support - Shipping method	K 99
ALI	Country of origin	K 1
DTM	Replacement time / date	K 35
QTY	current stock level, quantity on the way, quantity reserved, expected replacement quantity, minimum order quantity for delivery to end customers, minimum order quantity for warehouse delivery, order quantity step (of retail packaging), maximum order quantity (per order), items per sales unit (per retail box), outer packaging quantity (number of retail packaging per next larger packaging unit), pallet quantity (number of retail packages per pallet), package (number of packages per retail packaging)	M 1, K 2
UNT	Message end segment	M 1
UNZ	User data end segment	M 1

3. Message structure, detailed

UNA		Frequency: 1			K
Segment	Application, codes permitted				
UNA1	Group data element, separator	M	an1	:	
UNA2	Segment identifier and data element separator	M	an1	+	
UNA3	Decimal separator	M	an1	.	
UNA4	Enabling signal	M	an1	? enabling signal	
UNA5	Reserved	M	an1	reserved	
UNA6	Segment end signal	M	an1	' segment end signal	
UNA:+.?'					

UNB		Frequency: 1			M
Segment	Application, codes permitted				
S001	Syntax identifier	M			
0001	Syntax identification	M	a4		UNOC - UN/ECE character set C
0002	Syntax version number	M	n1		2 - Syntax version number version 2
S002	Sender of transmission file	M			
0004	Sender description	M	an..35		ILN/GLN of the sender of data
0007	Participant description, qualifier	M	an..4		14 – EAN/GLN
S003	Recipient of transmission file	M			
0010	Recipient description	M	an..35		ILN/GLN of the data recipient
0007	Participant description, qualifier	M	an..4		14 – EAN/GLN
S004	Date/time of creation	M			
0017	Date of creation	M	n6		Date of creation (date in format YYMMDD)
0019	Time of creation	M	n4		Time of creation (time in format HHMM)
0020	Data exchange reference	M	an..14		Unambiguous reference for the identification of the transmission file. Issued by the sender.
S005	Reference / password of the recipient	K			
0022	Reference or password of the recipient	K	an..14		
0026	Application reference	K	an..14		
0029	Processing priority, code	K	a1		
0031	Confirmation request	K	n1		
0032	Exchange agreement identification	K	an..35		
0035	Test-indicator	K	n1		1 – Test empty – productive
UNB+UNOC:2+4399901726994:14+4013831000008:14+130128:1426+00012'					

UNH		Frequency: 1			M
Segment		Application, codes permitted			
0062	Message reference number	M	an..14	Message reference number	
S009	Message identification	M			
0065	Message type identification	M	an..6	INVRPT – stock level report	
0052	Version number of message type	M	an..3	D	
0054	Enabling number of message type	M	an..3	96A	
0051	Administrating organization, coded	M	an..2	UN	
0057	Application code of the organization responsible	K	an..6	EAN008	
UNH+012345+SLSRPT:D:96A:UN:EAN008'					

BGM		Frequency: 1			M
Segment		Application, codes permitted			
C002	Document/message name	M			
1001	Document/message name, coded	M	an..3	35 – stock level report	
1004	Document/message number	M	an..35	Stock level report number	
1225	Message function, coded	K	an..3	9 – Original	
BGM+35+ABCDEFGH+9'					

DTM		Frequency: 1			M
Segment		Application, codes permitted			
C507	Date/time/time period	M			
2005	Date/time/time period, qualifier	M	an..3	137 – stock level report date	
2380	Date/time/time period	M	an..35	Date	
2379	Date/time/time period, format qualifier	M	an..3	102 – date format (YYYYMMDD)	
DTM+137:20130128:102'					

DTM		Frequency: 35			K
Segment		Application, codes permitted			
C507	Date/time/time period	M			
2005	Date/time/time period, qualifier	M	an..3	194 – report period start 206 – report period end	
2380	Date/time/time period	M	an..35	Date	
2379	Date/time/time period, format qualifier	M	an..3	102 – date format (YYYYMMDD)	
DTM+194:20130213:102'					
DTM+206:20130213:102'					

NAD		Frequency: 3			M
Segment		Application, codes permitted			
3035	Person involved, qualifier	M	an..3	SU – supplier BY – buyer GY – stock level reporter	
C082		K			
3039	Identification of person involved	K	an..13	ILN/GLN	
1131	Code list, qualifier	K	an..3		
3055	Agency responsible for the code list, coded	K	an..3	9	
C058	Name and address	K		Name of the partner	
3124	Line for name and address	K	an..35	address	
3124	Line for name and address	K	an..35		
C080	Name of person involved	K			
3036	Name of person involved	K	an..35		
C059	Street	K			
3042	Street and house number / post box	K	an..35	Street	
3164	City	K	an..35	City	
3229	Region/ federal state, identification	K	an..9		
3251	Postal code	K	an..9	Postal code	
3207	Country, coded	K	an..3	Country	
NAD+SU+4013831000008::9'					
NAD+BY+4399901726994::9'					
NAD+GY+4399901726994::9'					

RFF		Frequency: 1			K
Segment		Application, codes permitted			
1153	Reference, qualifier	M	an..3	API – reference number of the trader/supplier to the address	
1154	Reference number	M	an..35		
1156	Line number	K	an..6		
4000	Reference version number	K	an..35		
RFF+API:0815'					

LIN		Frequency: 200000			M
Segment		Application, codes permitted			
1082	Item number	M	n..6	Item number	
1229	Action request/information, coded	M	an..3		
C212	Goods/service number, identification	M			
7140	Product/service number	M	an..35	EAN	
7143	Product/service number, type, coded	M	an..3	EN	
LIN+1++3296580080106:EN'					

PIA		Frequency: 1			K
Segment		Application, codes permitted			
4347	Product identification function, qualifier	M	an..3	1 – additional information	
C212	Product/service number, identification	M			
7140	Product/service number	M	an..35	Item number of the supplier	
7143	Product/service number, type, coded	M	an..3	Mandatory information for "Digitec Galaxus AG" and "Galaxus Germany GmbH": SA – item number of the supplier	
PIA+1+0815CC:SA'					

PIA		Frequency: 1			K
Segment		Application, codes permitted			
4347	Product identification function, qualifier	M	an..3	1 – Additional information	
C212	Product/service number, identification	M			
7140	Product/service number	M	an..35	Item number of the trader	
7143	Product/service number, type, coded	M	an..3	BP – item number of the trader	
PIA+1+4711:BP'					

IMD		Frequency: 99			K
Segment		Application, codes permitted			
7077	Product / service description, type, coded	M	an..3	C – Code	
7081	Product / service description, property, coded	M	an..3	DDL – Direct shipment support	
C273	Product identification	M			
7009	Product description identification	K			
1131	Product / service description, qualifier, coded	M		NTG	
3055	Product / service description, agency	K			
7008	Product/service description	M	an..35	YES – direct shipment is supported NO - direct shipment is not supported	
IMD+C+DDL+:NTG::YES'					

IMD		Frequency: 99			K
Segment		Application, codes permitted			
7077	Product / service description, type, coded	M	an..3	C – Code	
7081	Product / service description, property, coded	M	an..3	SPT – Shipping method	
C273	Product identification	M			
7009	Product description identification	K			
1131	Product / service description, qualifier, coded	M		NTG	
3055	Product / service description, agency	K			
7008	Product/service description	M	an..35	1 = letter	

				2 = parcel 3 = bulky goods 4 = piece goods
IMD+C+SPT+:NTG::1'				

ALI	Frequency: 1			K
Segment	Application, codes permitted			
3239	Country of origin warehouse	M	an..3	Country code
ALI+DE'				

DTM	Frequency: 35			K
Segment	Application, codes permitted			
C507	Date / time / period	M		
2005	Date / time / period, qualifier	M	an..3	169 – Replacement time (in calendar days) 169 – Replacement date (format DD.MM.YYYY)
2380	Date / time / period	M	n..35	Amount of days Date
2379	Date / time / period, format qualifier	M	an..3	107 – Amount of days (format: DDD) 102 – Date (format: YYYYMMDD)
DTM+169:6:107'				
DTM+169:20210215:102'				

QTY	Frequency: 1			M
Segment	Application, codes permitted			
C186	Quantity indications	M		
6063	Quantity, qualifier	M	an..3	145 – inventory on stock
6060	Quantity	M	n..15	Quantity
6411	Quantity, qualifier	M	an..3	PCE - piece
QTY+145:20:PCE'				

QTY	Frequency: 11			K
Segment	Application, codes permitted			
C186	Quantity indications	M		
6063	Quantity, qualifier	M	an..3	198 – quantity currently transported 34E – quantity reserved 146 – Expected replacement quantity 353 – Order quantity step (of retail packaging) 32 – Minimum order quantity for delivery to end customers 53 – Minimum order quantity for warehouse delivery 54 – Maximum order quantity (per order) 59 – Outer packaging quantity (number of retail packaging per next larger packaging unit) 52 – Items per sales unit (per retail box) 352 – Pallet quantity (number of retail packages per pallet)

6060	Quantity	M	n..15	Quantity	189 – Package (number of packages per retail packaging)
6411	Measurement unit, qualifier	M	an..3	PCE - piece	
QTY+198:10:PCE'					
QTY+4E:5:PCE'					

UNT		Frequency: 1			M
Segment		Application, codes permitted			
0074	Quantity of the segments in a message	M	n..6	Total quantity of the segments in a message	
0062	Message reference number	M	an..14	Repeat of the reference number from the UNH segment	
UUNT+17+012345'					

UNZ		Frequency: 1			M
Segment		Application, codes permitted			
0036	Data exchange counter	M	n..6	Quantity of messages or message groups in the transmission file	
0020	data exchange reference	M	an..14	Identical to DE 0020 in the UNB segment	
UNZ+1+00012'					

4. Modification history

Date	Modification history
09.02.2021	<p>New qualifier added in field 6063 in segment QTY</p> <p>146 – Expected replacement quantity 353 – Order quantity step (of retail packaging) 32 – Minimum order quantity for delivery to end customers 53 – Minimum order quantity for warehouse delivery 54 – Maximum order quantity (per order) 59 – Outer packaging quantity (number of retail packaging per next larger packaging unit) 52 – Items per sales unit (per retail box) 352 – Pallet quantity (number of retail packages per pallet) 189 – Package (number of packages per retail packaging)</p> <p>Segments IMD, ALI and DTM added at position level</p>