



NETWORK TOYS GERMANY

EDI Message Format **RETANN D.01B** (Return)

V1.0 of 13.03.2020

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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.

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
C =	optional fields

2. Message structure, packed

Segment	Meaning	Frequency
UNA	Separator requirement	M 1
UNB	User data header segment	M 1
UNH	Message header segment	M 1
BGM	Number of Return	M 1
DTM	Date of goods receipt	M 1
NAD	Identification	C 99
LIN	Item number, GTIN	M 2.000.000
PIA	Item number of supplier / trader	C 25
IMD	Item description as free text	C 99
FTX	Free text information for the item	C 99
QTY	Quantity of the returned goods	C 10
RFF	Order item number of the customer	C 25
UNS	Section control segment	M 1
CNT	Control segment	M 1
UNT	Message end segment	M 1
UNZ	User data end segment	M 1

3. Message structure, detailed

UNA	Frequency: 1			C
Segment	Application, codes permitted			
UNA1	Group data element, separators	M	an1	:
UNA2	Segment identifier- identifier and data element separator	M	an1	+
UNA3	Decimal separator	M	an1	.
UNA4	Enabling signal	M	an1	? Enabling signal
UNA5	Allocated	M	an1	allocated
UNA6	Segment end signal	M	an1	' segment end signal
UNA:+.? '				

UNB	Frequency: 1			M
Segment	Application, codes permitted			
S001	Syntax identifier	M		
0001	Syntax marking	M	a4	UNOC - UN/ECE syntax set C
0002	Syntax version number	M	n1	3 - Syntax Version number – version 3
S002	Sender of transmission file	M		
0004	Sender description	M	an..35	GLN of data sender
0007	Participant description, qualifier	C	an..4	14 – EAN/GLN
0008	Sender description	C	an..14	GLN
S003	Receiver of transmission file	M		
0010	Receiver description	M	an..35	ILN/GLN of data receiver
0007	Participant description, qualifier	C	an..4	14 – EAN/GLN
0014	Receiver description	C	an..14	GLN
S004	Date/Time of creation	M		
0017	Date of creation	M	n6	Date of creation (date format YYMMDD)
0019	Time of creation	M	n4	Time of creation (time 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	C		
0022	Reference or password of the recipient	C	an..14	
0025		C		
0026	Appliance reference	C	an..14	
0029	Processing priority, code	C	a1	
0031	Request for confirmation	C	n1	
0032	Exchange agreement marking	C	an..35	
0035	Test flag	C	n1	1 – Test empty – produktiv
UNB+UNOC:3+4023017000005:14+4260134780001:14+191014:2228+35674++OZUWOD18SFMLV++ +MVOXWG89995016163833854475909640480'				

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	RETANN – Return	
0052	Version number of message type	M	an..3	D	
0054	Release number of message type	M	an..3	01B	
0051	Administrating organisation, coded	M	an..2	UN	
0057	Application code of the organisation responsible	C	an..6	PBX037	
UNH+1+RETANN:D:01B:UN:PBX037'					

BGM		Frequency: 1			M
Segment		Application, codes permitted			
C002	Document / message name	M			
1001	Document / message name, coded	M	an..3	70E – Return	
C106	Document identification	M			
1004	Document-/ message number	M	an..35	Document number	
1056	Version identifier	C			
1060	Revision identifier	C			
1225	Message function, coded	C	an..3	9 - Original	
4343	Response Type Code	C			
BGM+70E+12345+9'					

DTM		Frequency: 1			M
Segment		Application, codes permitted			
C507	Date/time/period of time	M			
2005	Date/time/period of time, qualifier	M	an..3	137 – Document date 182 – Date of goods receipt	
2380	Date/time/period of time	M	an..35	Date	
2379	Date/time/period of time, format qualifier	M	an..3	102 - date format (YYYYMMDD)	
DTM+137:20191014:102'					
DTM+182:20191014:102'					

RFF		Frequency: 99			C
Segment		Application, codes permitted			
1153	Reference, qualifier	M	an..3	ON – Order number	
1154	Reference number	M	an..35	Order number of reference order	
RFF+ON:1234'					

DTM		Frequency: 35			C
Segment		Application, codes permitted			
C507	Date/time/period of time	M			
2005	Date/time/period of time, qualifier	M	an..3	171 – Order date	
2380	Date/time/period of time	M	an..35	Date	
2379	Date/time/period of time, format qualifier	M	an..3	102 – date format (YYYYMMDD)	
DTM+171:20130210:102'					

NAD		Frequency: 3			M
Segment		Application, codes permitted			
3035	Person involved, qualifier	M	an..3	BY – trader SU – supplier DP – goods recipient UC – final recipient of goods	
C082		C			
3039	Identification of person involved	C	an..13	GLN	
1131	Code list, qualifier	C	an..3		
3055	Agency responsible for the code list, coded	C	an..3	9	
C058	Name and address	C		Name of the partner	
3124	Line for name and address	C	an..35	address	
3124	Line for name and address	C	an..35		
C080	Name of person involved	C			
3036	Name of person involved	C	an..35		
C059	Street	C			
3042	Street and house number / post box	C	an..35	Street	
3164	City	C	an..35	City	
C819	Region/federal state	C			
3229	Region/federal state, identification	C	an..9		
3251	Postal code	C	an..9	Postal code	
3207	Country, coded	C	an..3	Country	
NAD+BY+4399902220934::9'					
NAD+SU+4399901726994::9'					

LIN		Frequency: 2.000.000			M
Segment		Application, codes permitted			
1082	Position number	M	n..6	Position number	
1229	Handling requirement/information, coded	C			
C212	Goods/service number, identification	M			
7140	Product/service number	M	an..35	GTIN	
7143	Product/service number, type, coded	M	an..3	SRV	
C829	Information for the sub-item	C			
5495	Sub-item display, coded	C	an..3	1 – information for the sub-item	

1082	Position number	C	n..6	Reference to the main-item number
LIN+1++0520708096080:SRV'				

PIA		Frequency: 25			C
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	Article number of the supplier	
7143	Product/service number, type, coded	M	an..3	SA – Article number of the supplier BP – Article number of the retailer	
PIA+1+9615468:BP'					
PIA+1+51812928:SA'					

IMD		Frequency: 99			C
Segment		Application, codes permitted			
7077	Product/service description, type, coded	M	an..3	F – Free format	
C272	Item characteristics	C			
7081	Item characteristics code	C			
1131	Code list, qualifier	C			
3055	Agency responsible for the code list, coded	C			
C273	Article identification	M			
7009	Product description, coded	C			
1131	Code list, qualifier	C			
3055	Agency responsible for the code list, coded	C			
7008	Product/service description	M	an..35	Item text	
7008	Product/service description	C	an..35	Item text	
3453	Language, code	C	an..3		
7383	Surface- or layer code	C			
IMD+F+++:::TEXT'					

FTX		Frequency: 99			C
Segment		Application, codes permitted			
4451	Text classification, coded	M	an..3	ABO – Reason for the return	
4453	Text processing hint, coded	C	an..3		
C107	Text reference	C			
4441	Free text, coded	M	an..3		
1131	Code list, qualifier	C	an..17		
3055	Agency responsible for the code list, coded	C	an..3		
C108	Text	C			
4440	Free text	M	an..70	Code – code text: 0 - Article broken or incomplete 1 - Packaging broken	

				2 - Several variants ordered 3 - Article to big 4 - Article to small 5 - Looks different than expected 6 - Quality different than expected 7 - Works differently than expected 8 - Wrong article delivered / Wrong amount delivered 9 - Others 10 - Intolerance
4440	Free text	C	an..70	
4440	Free text	C	an..70	
4440	Free text	C	an..70	
4440	Free text	C	an..70	
3453	Language, coded	C	an..3	
FTX+ABO+++3'				

QTY		Frequency: 10			C
Segment		Application, codes permitted			
C186	Quantity indications	M			
6063	Quantity, qualifier	M	an..3	61 – Quantity of the returned goods	
6060	Quantity	M	n..15	Quantity	
6411	Measurement unit, qualifier	M	an..3	PCE – Pieces	
QTY+61:4.000:PCE'					

RFF		Frequency: 35			C
Segment		Application, codes permitted			
1153	Reference, qualifier	M	an..3	LI – Order item number of the customer	
1154	Reference number	M	an..35	Number	
1156	Line number	C	an..6		
4000	Reference version number	C	an..35		
RFF+LI:1'					

UNS		Frequency: 1			M
Segment		Application, codes permitted			
0081	Section code, coded	M	a1	S – separation item /sum part	
UNS+S'					

CNT		Frequency: 1			C
Segment		Application, codes permitted			
C270	Checksum	M			
6069	Checksum qualifier	M	an..3		
6066	Checksum	M	n..18		
6411	Checksum unit code	C	an..3		
CNT+2:5'					

UNT		Frequency: 1			M
Segment		Application, codes permitted			
0074	Quantity of segments in one message	M	n..6	Total quantity of segments of one message	
0062	Message reference number	M	an..14	Repeat of the reference number of the UNH segment	
UNT+19+1'					

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 with DE 0020 in the UNB segment	
UNZ+1+35674'					