



NETWORK TOYS GERMANY

EDI Message Format **ORDERS D.96A** (Order)

V1.1 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.
- 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

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	Order number of the trader	M 1
DTM	Date of the order, required, earliest and/or latest delivery date	C 35
FTX	Free text information for the whole order	C 99
RFF	Reference number of the trader/ customer order number	C 99
NAD	Identification of the supplier/trader/goods/final goods/ invoice recipient	C 99
RFF	Reference number of the trader/supplier for the address	C 1
CTA	Contact person	C 1
COM	Contact communication number	C 1
CUX	Currency indications	M 1
PAT	Terms of payment	C 1
PCD	Term of payment – percent	C 1
LIN	Item number and EAN	M 200000
PIA	Item number supplier / trader	C 25
IMD	Item description as free text	C 99
QTY	Quantity ordered/quantity without charge/ quantity VE in trading unit / quantity of units contained in higher GB	C 10
DTM	Required, earliest and /or latest delivery date	C 35
FTX	Free text information for the item	C 99
PRI	Net price	C 25
RFF	Number of advertising campaign	C 25
LOC	GLN of the goods recipient	C 1
QTY	Partial quantity of the original quantity ordered	C 10
DTM	Earliest and /or latest delivery date	C 35
TAX	VAT rate of the item	C 1
ALC	Type of surcharge / discount	C 9999
MOA	Surcharge / discount absolute amount	C 1
UNS	Section control segment	M 1
UNT	Message end segment	M 1
UNZ	User data end segment	M 1

3. Message structure, detailed

UNA		Frequency: 1			M
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 signal 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 data sender	
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 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 JJMMTT)	
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	C			
0022	Reference or password of the recipient	C	an..14		
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 signal	C	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	ORDERS – order	
0052	Version number of message type	M	an..3	D	
0054	Release number of message type	M	an..3	96A	
0051	Administrating organization, coded	M	an..2	UN	
0057	Application code of the organization responsible	C	an..6	EAN008	
UNH+012345+ORDERS: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	220 – order	
1004	Document / message number	M	an..35	Order number	
1225	Message function, coded	C	an..3	9 – Original	
BGM+220+ABCDEF+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 – 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+137:20130128:102'					

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	2 – required delivery date 64 – earliest delivery date 63 – latest delivery 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+2:20130213:102'					
DTM+64:20130210:102'					

FTX		Frequency: 99			C
Segment		Application, codes permitted			
4451	Text classification, coded	M	an..3	ZZZ – agreed bilaterally	
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	Free text information for the whole order	
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	DE = Deutsch (German)	
FTX+ZZZ+1++a sample text'					

RFF		Frequency: 99			C
Segment		Anwendung, zugelassene Codes			
1153	Referenz, qualifier	M	an..3	ON – order number UO – Additional customer order no.	
1154	Reference number	M	an..35	Order number of reference order	
RFF+ON:20134569' RFF+UO:572476308'					

NAD		Frequency: 3			M
Segment		Application, codes permitted			
3035	Person involved, qualifier	M	an..3	SU – supplier BY – buyer DP – consignee	
C082		C			
3039	Identification of person involved	C	an..13	ILN/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 number/post box	C	an..35	Street	
3164	City	C	an..35	City	
3229	Region/federal state, identification	C	an..9		
3251	Postal code	C	an..9	Postal code	
3207	Country, coded	C	an..3	Country	
NAD+SU+4013831000008::9'					
NAD+BY+4399901726994::9'					
NAD+DP+4399901726994::9'					

RFF		Frequency: 1			C
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	C	an..6		
4000	Reference version number	C	an..35		
RFF+API:0815'					

CTA		Frequency: 1			C
Segment		Application, codes permitted			
3139	CONTACT FUNCTION	M	an..3	PD – purchase department OC – order contact	
C056	Department or employee	M			
3413	Department or employee identification	C	an..17		
3412	Department or employee	M	an..35	Name of the person or the department	
CTA+PD+:Hans Mustermann'					

COM		Frequency: 1			C
Segment		Application, codes permitted			
C076	Communication contact	M			
3148	Communication number	M	an..32	Communication number	
3155	Communication channel, qualifier	M	an..3	EM – Email FX – Telefax TE – Telephone	
COM+0049123456555:TE'					

NAD		Frequency: 99			C
Segment		Application, codes permitted			
3035	Person involved, qualifier	M	an..3	IV – invoice recipient UC – final recipient of goods	
C082		K			
3039	Identification of person involved	M	an..13	ILN/GLN	
1131	Code list, qualifier	C	an..3		
3055	Agency responsible for the code list, coded	M	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	
3229	Region / federal state, identification	C	an..9		
3251	Postal code	C	an..9	Postal code	
3207	County, coded	C	an..3	Country	
NAD+IV+4399901726994::9'					
NAD+UC+4399901726994::9'					

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

CTA		Frequency: 1			C
Segment		Application, codes permitted			
3139	CONTACT FUNCTION	M	an..3	PD – purchase department OC – order contact	
C056	Department or employee	M			
3413	Department or employee identification	C	an..17		
3412	Department or employee	M	an..35	Name of the person or the department	
CTA+PD+:Hans Mustermann'					

COM		Frequency: 1			C
Segment		Application, codes permitted			
C076	Communication contact	M			
3148	Communication number	M	an..32	Communication number	
3155	Communication channel, qualifier	M	an..3	EM – Email FX – Telefax TE – Telephone	
COM+0049123456555:TE'					

CUX		Frequency: 1			C
Segment		Application, codes permitted			
C504	Currency indications	M			
6347	Currency details, qualifier	M	an..3	2 – reference currency	
6345	Currency, coded	M	an..3	EUR - Euro	
6343	Currency, qualifier	M	an..3	9 – order currency	
CUX+2:EUR:9'					

PAT		Frequency: 10			C
Segment		Application, codes permitted			
4279	Type of payment conditions, qualifier	M	an..3	22 - discount	
C110		C			
4277	Terms of payment				
1131	Terms of payment, qualifier	C	an..3		
3055	Agency responsible for the code list, coded	C	an..3		
4276	Term of payment	C	an..3		
4276	Term of payment	C	an..3		
C112	TIME INDICATIONS FOR TERMS OF PAYMENT	M			
2475	Payment time reference, coded	M	an..3	29 – Delivery date of goods	
2009	Time reference, coded	M	an..3	3 – according to reference	
2151	Type of time period, coded	M	an..3	D – days	
2152	Quantity of time periods	M	n..3	30 days after delivery	
PAT+22++29:3:D:30'					

PCD		Frequency: 1			C
Segment		Application, codes permitted			
C501	PERCENT INDICATIONS	M			
5245	Percentage, qualifier	M	an..3	12 – discount	
5482	percentage	C	n..10	3	
PCD+12:3'					

LIN		Frequency: 200000			M
Segment		Application, codes permitted			
1082	Item number	M	n..6	Item number	
1229	Handling requirement/information, coded	K	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: 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	Item number of the supplier	
7143	Product/ service number, type, coded	M	an..3	SA – item number of supplier	
PIA+1+0815CC:SA'					

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	Item number of supplier	
7143	Product/service number, type, coded	M	an..3	BP – item number supplier	
PIA+1+4711:BP'					

IMD		Häufigkeit: 99			C
Segment		Anwendung, zugelassene Codes			
7077	Product/service description, type, coded	M	an..3	F – free format	
C273	Item identification	M			
7008	Product/service description	M	an..35	Item text	
7008	Product/service description	C	an..35	Item text	
IMD+F++Test Item:'					

QTY		Frequency: 10			M
Segment		Application, codes permitted			
C186	Quantity indications	M			
6063	Quantity, qualifier	M	an..3	21 – quantity ordered 192 – quantity without charge 59 – quantity VE in trading unit 45E – quantity of units contained in higher GF	
6060	Quantity	M	n..15	quantity	
6411	Measurement unit, qualifier	M	an..3	PCE – piece	
QTY+21:1:PCE'					

DTM		Frequency: 35			C
Segment		Application, codes permitted			
C507	Date/time/time period	M			
2005	Date/time/time period, qualifier	M	an..3	2 – required delivery date 64 – earliest delivery date 63 – latest delivery 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+64:20130210:102'					
DTM+63:20130217:102'					

FTX		Frequency : 99			C
Segment		Application, permitted codes			
4451	Text classification, coded	M	an..3	ZZZ – bilaterally agreed	
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	Free text information	
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+ZZZ+++one sample text of the item'					

PRI		Frequency 99			C
Segment		Application, codes permitted			
C509	Money amount	M			
5125	Money amount type, qualifier	M	an..3	AAA – net price	
5118	Money amount	M	n..35	Price indication	
PRI+AAA:99.99'					

RFF		Frequency: 35			C
Segment		Application, codes permitted			
1153	Reference, qualifier	M	an..3	PD – number of advertising campaign	
1154	Reference number	M	an..35	Number of advertising campaign	
1156	Line number	K	an..6		
4000	Reference version number	C	an..35		
RFF+ON:4711' RFF+LI:1'					

LOC		Frequency: 1			C
Segment		Application, codes permitted			
3227	Address, coded	M	an..3	7 – consignee	
C517		C			
3225	Identification of address, coded	C	an..25	GLN of consignee	
1131	Code list, qualifier	C	an..3		
3055	Agency responsible for code list, coded	C	an..3	9 – GLN	
LOC+7+1234567890123::9'					

QTY		Frequency: 10			C
Segment		Application, codes permitted			
C186	Quantity indications	M			
6063	Quantity, qualifier	M	an..3	11 – partial quantity of original order quantity	
6060	Quantity	M	n..15	Quantity	
6411	Measurement unit, qualifier	M	an..3	PCE – piece	
QTY+11:1:PCE'					

DTM		Frequency: 35			C
Segment		Application, codes permitted			
C507	Date/time/time period	M			
2005	Date/time/time period, qualifier	M	an..3	64 – earliest delivery date 63 – latest delivery 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+64:20130210:102'					
DTM+63:20130217:102'					

TAX		Frequency: 1			C
Segment		Application, codes permitted			
5283	Customs/tax/charge class, qualifier	M	an..3	7 = tax	
C241	Customs/tax/charge class	C			
5153	Customs/tax/ charge class, coded	M	an..3	VAT – value added tax	
5278	Customs/tax/charge class	M	an..17	Tax rate of order item	
5305	Customs/tax/charge class, coded	C	an..3	S	
TAX+7+VAT+++:::19+S'					

ALC		Frequency: 9999			C
Segment		Application, codes permitted			
5463	Zu-/Abschlag, Qualifier	M	an..3	A – discount C – surcharge	
C552	Surcharge / discount information	C			
1230	Surcharge or discount	C			
4471		C			
1227	Calculation sequence indicator, coded	C			
C214	Identification of special services and performances	C			
7161	Special services / performances, coded	C		FC – frigt costs	
1131	Code list, qualifier	C	an..3		
3055	Responsible agency for the code list, coded	C	an..3		
7160	Special services / performances	C	an..35		
ALC+C+++FC'					

MOA		Frequency: 2			C
Segment		Application, codes permitted			
C516	Money amount	M			
5025	Type of money amount, qualifier	M	an..3	8 = Surcharge or discount amount	
5004	Money amount	C	n..18	Money amount	
MOA+8:3.2'					

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

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+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 with DE 0020 in the UNB segment	
UNZ+1+00012'					

4. Modification history

Date	Modification
13.03.2020	additional qualifier "UO" for segment RFF added in the header (for "Additional customer order no.") segments ALC and MOA added for item level: freight costs