



NETWORK TOYS GERMANY

EDI Message Format **DESADV D.96A** (Despatch Advice)

V1.08 of 18.05.2021

1. Conventions.....	2
2. Message structure, packed	3
3. Message structure, detailed.....	5
4. Modification history	14

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
C =	optional fields

2. Message structure, packed

Segment	Meaning	Frequency
UNA	Separator Requirement	C 1
UNB	User data header segment	M 1
UNH	Message header segment	M 1
BGM	Delivery note number	M 1
DTM	Delivery not date	M 5
DTM	Actual delivery date, actual shipping date, earliest and/or latest delivery date	C 10
RFF	Customer order number	M 1
DTM	Customer order date	C 5
RFF	Delivery note number	C 1
RFF	Invoice number	C 1
RFF	Transport document number	C 1
RFF	Appointment number	C 1
DTM	Appointment date/time	C 5
NAD	Identification of the supplier/trader/consignee/ End recipient of goods/forwarder/logistics provider	M 3, K 99
RFF	Reference number of the trader/supplier to the address	C 99
CPS	Trigger for the packaging hierarchy	M 9999
PAC	Quantity of packages	C 9999
CPS	2 nd level packaging hierarchy	C 9999
PAC	Package number and quantity	C 9999
MEA	Gross weight of the package	C 9999
PCI	Qualifier for following GIN segment	C 1000
GIN	NVE/SSCC	C 99
LIN	Item number and EAN	M 200000
PIA	Item number of the supplier	C 5
PIA	Item number of the trader	C 5
IMD	Item description as free text	C 99
QTY	Delivery quantity/quantity VE in trading unit/units in higher GF	M 5
FTX	Free text information for the item	C 5
RFF	Order number of the trader	C 5
RFF	Order item number of the trader	C 5
LOC	GLN of the consignee	C 1
PCI	Qualifier for following GIN segment	C 10
GIN	Batch number of the item	C 99
UNT	Message end segment	M 1

UNZ User date end segment

M 1

3. Message structure, detailed

UNA		Frequency: 1			C
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 identifier	M	an..35		ILN/GLN of the data sender
0007	Participant identification, qualifier	M	an..4		14 – EAN/GLN
S003	Recipient of the transmission file	M			
0010	Recipient identification	M	an..35		ILN/GLN of the data recipient
0007	Participant identification, qualifier	M	an..4		14 – EAN/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	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 identifier	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	DESADV – despatch advice	
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+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	351 – despatch advice	
1004	Document/message number	M	an..35	Delivery note number	
1225	Message function, coded	K	an..3	9 – Original	
BGM+351+ABCDEFG+4'					

DTM		Frequency: 1			M
Segment		Application, codes permitted			
C507	Date/time/time period	M			
2005	Date/time/time period, qualifier	M	an..3	137 – delivery note 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			C
Segment		Application, codes permitted			
C507	Date time/time period	M			
2005	Date/time/time period, qualifier	M	an..3	17 – actual delivery date 11 – actual shipping 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+11:20130213:102'					
DTM+64:20130210:102'					

RFF		Frequency: 99			C
Segment		Application, codes permitted			
1153	Reference, qualifier	M	an..3	ON – customer order number	
1154	Reference number	M	an..35	Order number	
RFF+ON:20134569'					

DTM		Frequency: 1			C
Segment		Application, codes permitted			
C507	Date/time/time period	M			
2005	Date/time/time period, qualifier	M	an..3	171 – customer order number	
2380	Date/time/time period	M	an..35	Date	
2379	Date/time/time period, format qualifier	M	an..3	102 – date format (YYYYMMDD)	
DTM+171:20130128:102'					

RFF		Frequency: 99			C
Segment		Application, codes permitted			
1153	Reference, qualifier	M	an..3	DQ – delivery note number IV – invoice number AAS – transport document number AAN – Appointment number	
1154	Reference number	M	an..35	Document number	
RFF+DQ:10114569'					

DTM		Frequency: 1			C
Segment		Application, codes permitted			
C507	Date/time/time period	M			
2005	Date/time/time period, qualifier	M	an..3	171 – Appointment-Date/time	
2380	Date/time/time period	M	an..35	Date	
2379	Date/time/time period, format qualifier	M	an..3	203 – date format (YYYYMMDDHHMM)	
DTM+171:201301281630:203'					

NAD		Frequency: 3			C
Segment		Application, codes permitted			
3035	Person involved, qualifier	M	an..3	SU – supplier BY – buyer DP – consignee	
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 street 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+DP+4399901726994::9'				

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

NAD	Frequency: 99			C
Segment	Application, codes permitted			
3035	Person involved, qualifier	M	an..3	UC – End recipient of goods FW – forwarder LSP – logistics service provider
C082		K		
3039	Identification of person involved	M	an..13	ILN/GLN
1131	Code list, qualifier	K	an..3	
3055	Agency responsible for the code list, coded	M	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 street 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+UC+4399901726994::9'				

NAD+FW+4399901726994::9'

NAD+LSP+4399901726994::9'

CPS		Frequency: 9999			M
Segment		Application, codes permitted			
7164	Succession of packages	M	an..12	1 – highest package hierarchy or standard if package hierarchy does not exist	
7166	Hierarchical Stock identification	K	an..12		
CPS+1'					

PAC		Frequency: 9999			C
Segment		Application, codes permitted			
7224	Quantity of packages	M	n..8	Quantity of packages in this structure	
PAC+1'					

CPS		Frequency: 9999			M
Segment		Application, codes permitted			
7164	Succession of packages	M	an..12	Package hierarchy	
7166	Hierarchical stock identification	K	an..12	Reference to higher package level	
CPS+2+1 (2. level, 1. package)					
CPS+3+1 (2. level, 2. Package)					

PAC		Frequency: 9999			C
Segment		Application, codes permitted			
7224	Quantity packages	M	n..8	Quantity of packages in this structure	
C531		K			
7075		K	an..3		
7233		K	an..3		
7073		K	an..3		
C202		K			
7065	Consignment unit	M	an..17	201 – Palette ISO	
1131		K	an..3		
3055	Agency responsible for the code list, coded	K	an..3	9 – EAN (International Article Numbering Association)	
PAC+1+::+201::9'					

MEA		Frequency: 9999			C
Segment		Application, codes permitted			
6311	Measurements and weights	M	an..3	PD = physical dimensions (product ordered)	
C502		K			
6313	Gross weight of a package	K	an..3	AAB – gross weight of a unit	
6321		K	an..70		
6155		K	an..3		
C174		K			
6411		K	an..3		

6314	Measurement value	K	n..18	KGM – kilogramm TNE – Metrical Tonne (1000kg)
MEA+PD+AAD+:::+KGM:5'				

PCI		Frequency: 1000			C
Segment		Application, codes permitted			
4233	Labelling of the package	K	an..3	33E – labelled with the shipping unit number (NVE acc. to EAN-CodE) 17 – comment from the supplier	
7102	Carrier	K	an..35	name of the carrier	
PCI+33E'					
PCI+17+DHL'					

GIN		Frequency: 99			C
Segment		Application, codes permitted			
1082	Labelling, coded	M	an..3	BJ – shipping unit number (NVE)	
C208		M			
7402	Shipping unit number (NVE)	M	an..35		
GIN+BJ+340123450000000014'					

LIN		Frequency: 200000			M
Segment		Application, codes permitted			
1082	Item number	M	n..6	Item number	
1229	Action request/information, coded	K	an..3		
C212	product/service number, identification	M			
7140	Product/service number	M	an..35	EAN	
7143	Product/service number, type, coded	M	an..3	EN	
LIN+1+11+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 the 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 the trader	
7143	Product/service number, type, coded	M	an..3	BP – item number of the trader	
PIA+1+4711:BP'					

IMD		Frequency: 99			C
Segment		Application, codes permitted			
7077	Product/service description, type, coded	M	An..3	F – free format	
7081	Product/service description, property, coded	K	an..3		
C273	Item identification	M			
7009	Product/service description identification	K			
1131	Product/service description, qualifier, coded	K			
3055	Product/service description, agency	K			
7008	Product/service description	M	an..35	Article description	
7008	Product/service description	K	an..35	Article description	
IMD+F+++:::test article:'					

QTY		Frequency: 10			M
Segment		Application, codes permitted			
C186	Quantity indications	M			
6063	Quantity, qualifier	M	an..3	12 – quantity delivered 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+12:6:PCE'					
QTY+45E:6:PCE'					

FTX		Frequency: 99			C
Segment		Application, codes permitted			
4451	Text classification, coded	M	an..3	ZZZ – bilaterally agreed	
4453	Text processing hint, coded	K	an..3		
C107	Text reference	K			
4441	Free text, coded	M	an..3		
1131	Code list, qualifier	K	an..17		
3055	Agency responsible for the code list, coded	K	an..3		

C108	Text	K		
4440	Free text	M	an..70	Free text information
4440	Free text	K	an..70	
4440	Free text	K	an..70	
4440	Free text	K	an..70	
4440	Free text	K	an..70	
3453	Language, coded	K	an..3	
FTX+ZZZ+++one sample text of the item'				

RFF		Frequency: 35			C
Segment		Application, codes permitted			
1153	Reference, qualifier	M	an..3	ON – customer order number LI – customer order item number	
1154	Reference number	M	an..35	Order number /order item number	
1156	Line number	K	an..6		
4000	Reference version number	K	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		K			
3225	Identification of the address, coded	K	an..25	GLN of the consignee	
1131	Code list, qualifier	K	an..3		
3055	Agency responsible for the code list, coded	K	an..3	9 – GLN	
LOC+7+1234567890123::9'					

PCI		Frequency: 10		C
Segment		Application, codes permitted		
4233	Labelling of the package	M	an..3	17 – Instructions for supplier
7102	Carrier	K	an..35	Name of the carrier (Mandatory for dropshipment with myToys.de GmbH) valid values: - HES (Hermes Einrichtungsservice) - Hermes - DPD - UPS - DHL - GLS - FedEx - DB Schenker - Shipper
PCI+17' PCI+17+DHL'				

GIN		Frequency: 99		C
Segment		Application, codes permitted		
1082	Labelling, coded	M	an..3	BX – batch number of the item BJ – TrackingID (Mandatory for dropshipment with myToys.de GmbH) BJR – TrackingID of the return label (Mandatory for dropshipment with myToys.de GmbH)
C208		M		
7402	Shipping unit number (NVE)	M	an..35	
GIN+BX+340123450000000014' GIN+BJ+12345' GIN+BJR+654321'				

UNT		Frequency: 1		M
Segment		Application, codes permitted		
0074	Quantity of segments in a message	M	n..6	Total quantity of segments in a message
0062	Message reference number	M	an..14	Repeat of the reference number from 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 to DE 0020 in the UNB segment
UNZ+1+00012'				

4. Modification history

Date	Modification
24.02.2014	Qualifier and example in segment QTY modified
15.10.2014	Example for segment PCI und description PCI modified
20.10.2014	Modification in segment LIN „Action request/information, coded“ to „K“
06.03.2018	Error handling CPS segment: Mandatory / optional status and maximum number
21.01.2019	<p>New Qualifier add for field 4233 in segment PCI 17 – comment from the supplier</p> <p>New field 7102 add in segment PCI name of the carrier</p>
13.03.2020	<p>New qualifiers for field 1082 in the GIN segment added – item level: BJ – TrackingID BJR – TrackingID of the return label</p> <p>New field 7102 in segment PCI addes – item level: Name of the carrier</p>
01.02.2021	“Hermes” added as new carrier in segment PCI
18.05.2021	segment IMD added at position level