EDI Implementation Guidelines

EDIFACT DESADV D97.A
Despatch Advice message

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2. Message Definition

2.1. Introduction

In order to receive information of incoming shipments, Dräxlmaier accepts the VDA 4913 as well as the EDIFACT DESADV format.

This document provides the definition of a Despatch Advice Message, based on the EDIFACT DESADV D97.A, to be used in Electronic Data Interchange (EDI) between the Dräxlmaier Group and its Trading Partners.

The intention of this document is to describe the Dräxlmaier specific interchange structure. Therefore only segments used by Dräxlmaier are explained and additional standard related documentation might be necessary.

2.2. Generation

The frequency of the DESADV message depends on the amount of shipments from the supplier. Normally DESADV is transmitted from the supplier within 30 minutes of departure of the transport. In the case of a supplier being located within 30 minutes of the receiving Dräxlmaier location, it is expected that the DESADV will be transmitted so that it can be received by Dräxlmaier before the arrival of said transport.

2.3. Function

The EDIFACT DESADV message provides the ability for Dräxlmaier's suppliers to convey precise delivery information to Dräxlmaier.

Dräxlmaier does not roll cumulative quantities at any time and considers the cumulative quantity to be the quantity of all shipments made to the particular plant indicated in the preceding NAD+ST segment since shipment of said part were first received.

2.4. Departures from the GM Guideline

It was necessary to slightly modify the Dräxlmaier EDI from the GM Guideline. Below all departures are listed:

- BGM: Data type and length for the SID differ from the GM Guideline, in accordance to the VDA4913 requirements. The SID must be 8-digit numeric.

- DTM: Occurrence max. 3 per message.

- MEA: Occurrence max. 3 per message. Up to 7 digits for weight and 4 digits for lading unit information.

- RFF: Data type and length for the Master Bill differ from the GM Guideline, in accordance to the VDA4913 requirements, occurrence max. 1 per message.

- NAD: Data type and length for the party identification differ from the GM Guideline, in accordance to the VDA4913 requirements, occurrence max. 4 per message.

- LOC: Data type and length for the location identification differ from the GM Guideline, in accordance to the VDA4913 requirements.

- TDT: Data type and length for the carrier identification differ from the GM Guideline, in accordance to the VDA4913 requirements.

- LIN: Data type and length for the item number differ from the GM Guideline, in accordance to the VDA4913 requirements.

- PIA: Occurrence up to 2 per preceding LIN

2.5. Direct Shipment

In case the supplier ships directly to the OEM customer, a trade sale ASN has to be sent instead of the standard production ASN.

The following changes have to be implemented, in order to create a trade sale ASN:

- The NAD+SU segment is mandatory and holds the Cottage DUNS number assigned to the supplier by the OEM customer.

- Segment group 16 is mandatory. Each LIN segment must contain a RFF segment providing the DRX material number (RFF+ON).

3. Message Description

3.1. Segment Table

The segment table illustrates how Dräxlmaier expects the repetition of segments in the Dräxlmaier specific DESADV message. The numbers indicate the maximum occurrences for each segment.

0	1	2	3	4	5	Level			
UNB							M	1	Interchange Header
UNH							M	1	Start of Delivery Schedule Message
	BGM						M	1	Message Identification
	DTM						M	1	Message despatch date
	DTM						M	1	Message arrival date
	DTM						C	1	Message generation date
	MEA						M	1	Gross Weight
	MEA						M	1	Net Weight
	MEA						M	1	Total number of Lading units
	Seg01						C	1	
		RFF					C	1	Reference
	Seg02						M	1	
		NAD					M	1	Material Issuer
		NAD					M	1	Ship To
			LOC				M	1	Internal destination / port of discharge
		NAD					M	1	Ship From
		NAD					C	1	Supplier
	Seg06						M	1	
		TDT					M	1	Details of transport
	Seg08						M	1	%
		EQD					M	1	Equipment details
	Seg10						C	9999	
		CPS					M	1	Consignment packing sequence
		Seg11					C	9999	
			PAC				M	1	Package
			Seg13				C	1000	
				PCI			M	1	Packaging information
					RFF		C	1	Reference
					GIR		C	99	Related identification numbers
		Seg15					C	9999	
			LIN				M	1	Line item
				PIA			C	2	Additional product id
				QTY			M	1	Quantity

	ALI	C	10	Additional Information
	Seg16	C	99	%
	RFF	M	1	Reference
UNT		M	1	End of Message
UNZ		M	1	End of Interchange

3.2. Service Segments Description

UNB - Interchange Header

Level: 0 DRX status: M
Segment: none DRX occurrences: 1 per interchange
UNB

Tag	Name	St	Format	Remark
S001	Syntax identifier	M		
0001	Syntax identifier	M	A4	“UNOA” = UN/ECE level A
0002	Syntax version number	M	N1	“2” = version 2
S002	Interchange Sender	M		
0004	Sender identification	M	AN..9	Trading partner mailbox number
0007	Identification code qualifier	C	AN..4	Trading partner qualifier
0008	Address for Reverse Routing	-	-	-
S003	Interchange Recipient	M		
0010	Recipient identification	M	AN..9	Dräxlmaier mailbox number as agreed
0007	Identification code qualifier	C	AN..4	Dräxlmaier qualifier as agreed
0014	Routing address	-	-	-
S004	Date / Time of preparation	M		
0017	Date of preparation	M	N6	YYMMDD
0019	Time of preparation	M	N4	HHMM
0020	Interchange Control Reference	M	N..5	Unique number
S005	Recipients reference password	-	-	-
0022	Recipient’s reference/password	-	-	-
0025	Recipient’s reference/password qualifier	-	-	-
0026	Application reference	-	-	-
0029	Processing code priority	-	-	-
0031	Acknowledgement request	-	-	-
0032	Communications agreement ID	-	-	-
0035	Test Indicator	-	-	-

Link to VDA4913 element:
S002:0004 = SA 711, Pos 3
S003:0010 = SA 711, Pos 4
S004:0017 = SA 711, Pos 7
0020 = SA 711, Pos 6

Example:
```
UNB+UNOA:2+257240655:01+DRAX0001:01+130521:1502+247'
```

UNH - Message Header

Level: 0 DRX status: M
Segment: none DRX occurrences: 1 per message
UNB.UNH

Tag	Name	St	Format	Remark
0062	Message Reference Number	M		Unique Number for each message starting with 1
S009	Message identifier	M		
0065	Message type	M	AN..6	“DESADV”
0052	Message version number	M	AN..3	“D”
0054	Message release number	M	AN..3	“97A”
0051	Controlling agency	M	AN..2	“UN”
0057	Association assigned code	-	-	-
0068	Common access reference	-	-	-
S010	Status of transfer	-	-	-
0070	Sequence of transfer	-	-	-
0073	First and last transfer	-	-	-

Link to VDA4913 element:
-

Example:
```
UNH+1+DESADV:D:97A:UN'
```

UNT - Message Trailer

Level: 0 DRX status: M
Segment: none DRX occurrences: 1 per message
UNB.UNH.UNT

Tag	Name	St	Format	Remark
0074	Number of segments in the message	M	N..6	Control count of the number of segments in the message, including UNH and UNT.
0062	Message Reference Number	M	AN..14	Number must be identical to UNH tag 0062.

Link to VDA4913 element:
-

Example:
```
UNT+40+1'
```

UNZ - Interchange Trailer

Level: 0
Segment: none
UNB.UNZ

DRX status: M
DRX occurrences: 1 per interchange

Tag	Name	St	Format	Remark
0036	Interchange Control Count	M	N..6	Number of messages in an interchange.
0020	Interchange Control Reference	M	AN..14	Value must be the same as in UNB tag 0020.

Link to VDA4913 element:
-

Example:
```
UNZ+1+247'
```

3.3. Data Segments Description

BGM - Beginning of Message

Level: 1 DRX status: M
Segment: none DRX occurrences: 1 per message
UNB.UNH.BGM

Tag	Name	St	Format	Remark
C002	Document/message name	M		
1001	Document/message name, coded	M	AN..3	“351” = Despatch Advice.
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	-	-	-
1000	Document/message name	-	-	-
C106	Document/message identification	M		
1004	Document/message number	M	N..8	Original shipper assigned. Shipment Identification Number (SID) that is unique to each shipment within a rolling calendar year that must be noted on the packing list and bill of lading. The SID must be no longer than 8 digits and numeric.
1056	Version	-	-	-
1060	Revision number	-	-	-
1225	Message Function, coded	M	AN..3	“9" = Original or initial transmission to a given transaction. The first time this particular SID (1004) has been transmitted within a rolling calendar year.
4343	Response Type, coded	-	-	-

Link to VDA4913 element:
C106.1004 = SA 712, Pos 3
C106.1004 = SA 713, Pos 3

Example:
```
BGM+351+12345678+9'
```

DTM - Date/Time/Period

Level: 1 DRX status: M
Segment: none DRX occurrences: Max. 3 per message
UNB.UNH.DTM

Tag	Name	St	Format	Remark
Despatch date/time:				
C507	Date/Time/Period	M		
2005	Date/Time/Period qualifier	M	AN..3	“11” = Despatch date and time
2380	Date/Time/Period	M	AN..35	Date and time when the carrier leaves the ship location with the goods.
2379	Date/Time/Period	M	AN..3	“203”= YYYYMMDDHHMM
Estimated arrival date/time:				
C507	Date/Time/Period	M		
2005	Date/Time/Period qualifier	M	AN..3	“132” = Estimated Arrival date/time
2380	Date/Time/Period	M	AN..35	Date and time when the goods are expected to be at the place of destination.
2379	Date/Time/Period	M	AN..3	“203”= YYYYMMDDHHMM
Document/message date/time:				
C507	Date/Time/Period	C		
2005	Date/Time/Period qualifier	M	AN..3	“137” = Document/message date/time
2380	Date/Time/Period	M	AN..35	Date and time when a document/ message is issued.
2379	Date/Time/Period	M	AN..3	“203”= YYYYMMDDHHMM

Link to VDA4913 element:
C507.2380 = SA 712, Pos 6
C507.2380 = SA 712, Pos 7
C507.2380 = SA 713, Pos 4

C507.2380 = SA 712, Pos 18
C507.2380 = SA 712, Pos 19

Example:
```
DTM+11:201211101204:203'
DTM+132:201211101204:203'
DTM+137:201305211502:203'
```

MEA - MEASUREMENTS

Level: 1 DRX status: M
Segment: none DRX occurrences: Max. 3 per message
UNB.UNH.MEA

Tag	Name	St	Format	Remark
Gross Weight:				
6311	Measurement purpose qualifier	M	AN..3	“AAX” = Consignment measurements
C502	Measurement details	M		
6313	Property measured, coded	M	AN..3	"G" = Gross Weight
6321	Measurement significance, coded	-	-	-
6155	Measurement attribute identification	-	-	-
6154	Measurement attribute	-	-	-
C174	Value Range	M		
6411	Measurement unit qualifier	M	AN..3	For code see Appendix 4.1 UN/ECE Recommendation No. 20
6314	Measurement value	M	AN..7	Actual weight. No decimal digits
	Rest of segment not used.			
Net Weight:				
6311	Measurement purpose qualifier	M	AN..3	“AAX” = Consignment measurements
C502	Measurement details	M		
6313	Property measured, coded	M	AN..3	"N" = Net Weight
6321	Measurement significance, coded	-	-	-
6155	Measurement attribute identification	-	-	-
6154	Measurement attribute	-	-	-
C174	Value Range	M		
6411	Measurement unit qualifier	M	AN..3	For code see Appendix 4.1 UN/ECE Recommendation No. 20
6314	Measurement value	M	AN..7	Actual weight. No decimal digits
	Rest of segment not used.			

Shipped Quantity:

6311	Measurement purpose qualifier	M	AN..3	“AAX” = Consignment measurements
C502	Measurement details	M		
6313	Property measured, coded	M	AN..3	"SQ" = Total number of Lading units
6321	Measurement significance, coded	-	-	-
6155	Measurement attribute identification	-	-	-
6154	Measurement attribute	-	-	-
C174	Value Range	M		
6411	Measurement unit qualifier	M	AN..3	For code see Appendix 4.1 UN/ECE Recommendation No. 20
6314	Measurement value	M	AN..4	Quantity
	Rest of segment not used.			

Link to VDA4913 element:
C174.6314 = SA 712, Pos 8
C174.6314 = SA 712, Pos 9
C174.6314 = SA 712, Pos 12

Example:

```
MEA+AAX+G+KG:9999999'
MEA+AAX+N+KG:9999999'
MEA+AAX+SQ+C62:9999'
```

RFF - Reference

Level: 2 DRX status: C
Segment: 1 DRX occurrences: Max. 1 per message
UNB.UNH.G01.RFF

Tag	Name	St	Format	Remark
Master bill of lading number:				
C506	Reference	M		
1153	Reference qualifier	M	AN..3	"MB" = Master bill of lading number.
1154	Reference number	M	N..8	Master bill of lading. The number must match the SID in the BGM segment.
1156	Line number	-	-	-
4000	Reference version number	-	-	-

Link to VDA4913 element:
-

Example:
```
RFF+MB:12345678'
```

NAD - Name and address

Level: 2 DRX status: M
Segment: 2 DRX occurrences: max. 4 per message
UNB.UNH.G02.NAD

Tag	Name	St	Format	Remark
Planning schedule/material issuer (buyer):				
3035	Party qualifier	M	AN..3	“MI” = Material issuer
C082	Party identification details	M		
3039	Party identification	M	AN..9	Code identifying the material issuer. Use "946803459" for shipments with American destination, otherwise "316172311".
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	“16” = DUNS (9-digit)
	Rest of segment not used.			
Ship To Location:				
3035	Party qualifier	M	AN..3	“ST” = Ship To
C082	Party identification details	M		
3039	Party identification	M	AN..3	Code identifying the plant where the material must be delivered (see chapter 4.2)
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	“92” = Assigned by buyer
	Rest of segment not used.			
Ship From Location:				
3035	Party qualifier	M	AN..3	“SF” = Ship From
C082	Party identification details	M		
3039	Party identification	M	AN..3	Code identifying the ship from loc
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	“16” = DUNS (9-digit) “92” = Assigned by buyer
	Rest of segment not used.			

Supplier (Applies only for direct shipments):

3035	Party qualifier	C	AN..3	"SU" = Supplier
C082	Party identification details	M		
3039	Party identification	M	AN..9	Code identifying the supplier. Use the Cottage DUNS number.
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	"16" = DUNS (9-digit) "92" = Assigned by buyer
	Rest of segment not used.			

Link to VDA4913 element:
C082.3039 = SA 711, Pos 3
C082.3039 = SA 713, Pos 11
C082.3039 = SA 712, Pos 4

Note:
The segment NAD+SU only applies in case of direct shipments, see Chapter 2.5.

Example:
```
NAD+MI+946803459::16'
NAD+ST+24::92'
NAD+SF+VLB::92'
NAD+SU+000239152::16'
```

LOC - Place / Location Identification

Level: 3 DRX status: M
Segment: 2 DRX occurrences: 1 per segment group 2
UNB.UNH.G02.NAD.LOC

Tag	Name	St	Format	Remark
3227	Place / location qualifier	M	AN..3	“11” = Place / Port of discharge
C517	Location identification	M		
3225	Place / location identification	M	AN..5	Code identifying the receiving dock at the plant or the plant itself if no further information is available (see chapter 4.2)
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	“92” = Assigned by buyer
3224	Place / location	-	-	-
	Rest of segment not used.			

Link to VDA4913 element:
C517.3225 = SA 713, Pos 5

Example:
```
LOC+11+A5::92'
```

TDT – Details of Transport

Level: 2
Segment: 6
UNB.UNH.G06.TDT

DRX status: M
DRX occurrences: 1 per segment group 6

Tag	Name	St	Format	Remark
8051	Transports stage qualifier	M	AN..3	"12" = At departure.
8028	Conveyance Reference No	-	-	-
C220	Mode of transport	M		
8067	Mode of transport, coded	M	AN..3	For code value see below.
8066	Mode of transport	-	-	-
C228	Transportation means	-	-	-
8179	Type of means of transport id.	-	-	-
8178	Type of means of transport	-	-	-
C040	Carrier	M		
3127	Carrier identification	M	AN..14	Code identifying the carrier. This should be the 4 character SCAC code.
1131	Code list qualifier	-	-	-
3055	Code list responsible agency, coded	M	AN..3	"182" = Standard Carrier Alpha Code (SCAC)
3128	Carrier Name	-	-	-
	Rest of segment not used.			

Link to VDA4913 element:
C040.3127 = SA 712, Pos 5 / SA 712, Pos 13
C220.8067 = SA 713, Pos 6

Example:
`TDT+12++M++LGCE::182'`

Code Values for 8067
General codes used by Dräxlmaier:

A – Air
E – Expedited Truck
GS – Progressive pick-up (milk run)
LT – Less than trailer load
M – Motor (Full truck)
SE – Sea
SR – Supplier truck

EQD – Equipment Details

Level: 2 DRX status: M
Segment: 8 DRX occurrences: 1 per segment group 8
UNB.UNH.G08.EQD

Tag	Name	St	Format	Remark
8053	EQUIPMENT QUALIFIER	M	AN..3	For code value see below.
C237	Equipment Identification	M		
8260	Equipment identification number	M	AN..17	Used to identify equipment number, such as railcar or trailer number including initials.
1131	Item number type, coded	-	-	-
3055	Code list qualifier	-	-	-
3207	Code list responsible agency	-	-	-
	Rest of segment not used.			

Link to VDA4913 element:
C237.8260 = SA 712, Pos 15

Example:
```
EQD+TE+X4285'
```

Code Values for 8053

CN – Container
RR – Railcar
TE – Trailer

CPS – Consignment Packaging Sequence

Level: 2 DRX status: M
Segment: 10 DRX occurrences: 1 per segment group 10
UNB.UNH.G10.CPS

Tag	Name	St	Format	Remark
7164	HIERARCHICAL ID. NUMBER	M	AN..12	A unique number assigned to the sender to identify a level within a hierarchical structure. Begins with the number 1 and increments by one for each occurrence within the message. Numbers are not repeated within the same message
7166	HIERARCHICAL PARENT ID.	-	-	-
7075	Packaging level, coded	M	AN..3	For code value see below.
	Rest of segment not used.			

Link to VDA4913 element:
-

Example:
```
CPS+1++1'
```

Code Values for 7075

1 – Inner
Level of packaging, if it exists, that is immediately subordinate to the intermediate packaging level . This would include Returnable and Expendable packaging.

3 – Outer
For packed merchandise, outermost level of packaging for a shipment. This would include covers of lids if used.

4 - No packaging hierarchy
There is no specifiable level of packaging.

PAC - Package

Level: 3 DRX status: M
Segment: 11 DRX occurrences: 1 per segment group 11
UNB.UNH.G10.CPS.G11.PAC

Tag	Name	St	Format	Remark
7224	Number of packages	M	N..8	Number of Packages
C531	Packaging Details	-	-	-
7075	Packaging level, coded	-	-	-
7233	Packaging related information, coded	-	-	-
7073	Packaging terms and conditions, coded	-	-	-
C202	Package type	M		
7065	Type of package identification	M	AN..17	Dräxlmaier assigned ID Code assigned to the packaging that is used for the shipment of the part number identified in the following LIN segment. Note: Please see Logistics Packaging group at the ship to plant for the applicable codes.
	Rest of segment not used.			

Link to VDA4913 element:
7224 = SA 715, Pos 3
7065 = SA 715, Pos 5

Example:

```
PAC+11++A21'
```

PCI – Package Identification

Level: 4 DRX status: M
Segment: 13 DRX occurrences: 1 per segment group 13
UNB.UNH.G10.CPS.G11.PAC.G13.PCI

Tag	Name	St	Format	Remark
4233	Marking Instructions, Coded	M	AN..3	"16" = Buyer's Instructions
	Rest of segment not used.			

Link to VDA4913 element:
-

Example:
```
PCI+16'
```

RFF - REFERENCE

Level: 5 DRX status: C
Segment: 13 DRX occurrences: 1 per segment group 13
UNB.UNH.G10.CPS.G11.PAC.G13.PCI.RFF

Tag	Name	St	Format	Remark
C506	REFERENCE	M		
1153	Reference qualifier	M	AN..3	"CN" = Carrier's reference number
1154	Reference number	M	AN..9	The identification used by the carrier to track a package
1156	Line number	-	-	-
4000	Reference version numbers	-	-	-

Link to VDA4913 element:
C506.1154 = SA 715, Pos 8

Example:
```
RFF+CN:79538'
```

GIR – RELATED IDENTIFICATION NUMBERS

Level: 5 DRX status: C
Segment: 13 DRX occurrences: 1 per segment group 13
UNB.UNH.G10.CPS.G11.PAC.G13.PCI.GIR

Tag	Name	St	Format	Remark
7297	Set identification qualifier	C	AN..3	"3" = Package
C206	Identification Number	M		
7402	Identity number	M	AN..15	Actual identity number
7405	Identity number qualifier	M	AN..3	"AW" = Serial Shipping Container
4405	Status, coded	-	-	-
C206	Identification Number	C		
7402	Identity number	M	AN..15	Actual identity number
7405	Identity number qualifier	M	AN..3	"AL" = Kanban Card No.
4405	Status, coded	-	-	-
	Rest of segment not used.			

Link to VDA4913 element:
C206.7402 = SA 717, Pos 8
C206.7402 = SA 717, Pos 3

Example:
```
GIR+3+K00001:AL+A1A2A3A4:AW'
```

LIN - Line Item

Level: 3 DRX status: M
Segment: 15 DRX occurrences: 1 per segment group 15
UNB.UNH.G10.CPS.G15.LIN

Tag	Name	St	Format	Remark
1082	Line Item Number	-	-	-
1229	Action Request / Notification	-	-	-
C212	Item number identification	M		
7140	Item number	M	AN..22	Dräxlmaier 8-digit material number
7143	Item number type, coded	M	AN..3	“IN” = Buyer’s item number
1131	Code list qualifier	-	-	-
3055	Code list responsible agency	-	-	-
	Rest of segment not used.			

Link to VDA4913 element:
C212.7140 = SA 714, Pos 3

Example:
```
LIN+++D0100275:IN'
```

PIA – Additional Product ID

Level: 4 DRX status: C
Segment: 15 DRX occurrences: Up to 2 per preceding LIN
UNH.G10.CPS.G15.LIN.PIA

Tag	Name	St	Format	Remark
4347	Product ID. Function Qualifier	M	AN..3	"1" = Additional Information
C212	Item number identification	M		
7140	Item number	M	AN..35	Identification of model year: e.g. 13 = 2013
7143	Item number type, coded	M	AN..3	“RY” = Record keeping model year
1131	Code list qualifier	-	-	-
3055	Code list responsible agency	-	-	-
C212	Item number identification	C		
7140	Item number	M	AN..35	Identification of Customer's article number
7143	Item number type, coded	M	AN..3	“UA” = Ultimate Customer's article number.
1131	Code list qualifier	-	-	-
3055	Code list responsible agency	-	-	-

Link to VDA4913 element:
C212.7140 = SA 716, Pos 3

Example:
```
PIA+1+13+RY'
```

QTY - Quantity

Level: 4 DRX status: M
Segment: 15 DRX occurrences: 1 per segment group 15
UNB.UNH.G10.CPS.G15.LIN.QTY

Tag	Name	St	Format	Remark
Despatch quantity				
C186	Quantity Details	M		
6063	Quantity qualifier	M	AN..3	"12" = Despatch quantity.
6060	Quantity	M	N..12	Actual quantity as defined in 6063 above.
6411	Measure unit qualifier	M	AN..3	For code value see Appendix 4.1 UN/ECE Recommendation No. 20 This must be the same Unit of Measure provided on the corresponding shipment authorization document.

Link to VDA4913 element:
C186.6060 = SA 714, Pos 6
C186.6411 = SA 714, Pos 7

Example:
```
QTY+12:99999:C62'
```

ALI – Additional Information

Level: 4 DRX status: C
Segment: 15 DRX occurrences: 1 per segment group 15
UNB.UNH.G10.CPS.G15.LIN.ALI

Tag	Name	St	Format	Remark
3239	Product ID. Function Qualifier	M	AN..3	Country of Origin. Refer to International Standard ISO 3166 "ISO Alpha – 2 Country Code" list
9213 4183	Item Number Identification Special Conditions, Coded	- -	- -	- -
	Rest of segment not used.			

Link to VDA4913 element:
3239 = SA 714, Pos 5

Example:
```
ALI+US'
```

RFF – Reference

Level: 5 DRX status: M for direct shipments, otherwise C
Segment: 16 DRX occurrences: 1 per segment group 16
UNB.UNH.G10.CPS.G15.LIN.G16.RFF

Tag	Name	St	Format	Remark
C506	Reference	M		
1153	Reference Qualifier	M	AN..3	"ON" = Order Number
1154	Reference Number	M	AN..35	Number of Purchase Order relevant for the article defined in the preceding LIN.
1156	Line Number	-	-	-
4000	Reference version number	-	-	-

Link to VDA4913 element:
C212.7140 = SA 716, Pos 5

Note:
The segment only applies to direct shipments, see Chapter 2.5.

Example:
```
RFF+ON:D0100275'
```

3.4. Example of message

```
UNB+UNOA:2+257240655:01+DRAX0001:01+130521:1502+247'
UNH+1+DESADV:D:97A:UN'
BGM+351+12345678+9'
DTM+11:201305211502:203'
DTM+132:201305211502:203'
DTM+137:201305211502:203'
MEA+AAX+G+KG:9999999'
MEA+AAX+N+KG:9999999'
MEA+AAX+SQ+C62:9999'
RFF+MB:12345678'
NAD+MI+946803459::16'
NAD+ST+J6::92'
NAD+SF+VLB::92'
LOC+11+A5::92'
TDT+12++M++LGCE::182'
EQD+TE+X4285'
CPS+1++1'
PAC+11++A21'
PCI+16'
RFF+CN:79538'
GIR+3+K00001:AL+A1A2A3A4:AW'
LIN+++D0100275:IN'
PIA+1+13+RY'
QTY+12:99999:C62'
ALI+DE'
LIN+++D0100276:IN'
PIA+1+13+RY'
QTY+12:99999:C62'
ALI+DE'
CPS+2++1'
PAC+11++A22'
PCI+16'
RFF+CN:79538'
GIR+3+K00001:AL+A1A2A3A4:AW'
LIN+++D0100277:IN'
QTY+12:99999:C62'
LIN+++D0100280:IN'
QTY+12:99999:C62'
LIN+++D0100282:IN'
QTY+12:99999:C62'
UNT+40+1'
UNZ+1+247'
```

4. Appendix

4.1. UN/ECE Recommendation No. 20

Dräxlmaier is using metric code values of the UN/ECE Recommendation No. 20 listed below:

C62	Piece
MMT	Millimeter
MTR	Meter
MTK	Square meter
GRM	Gram
KGM	Kilogram
TNE	Ton
LTR	Liter
CEL	Degrees Celsius
BAR	Bar
SEC	Second
MIN	Minute
NEW	Newton