

A **PACCAR** COMPANY

DELFOR

EDIFACT MESSAGE.

Description how DAF will use the Edifact message “DELFOR” to inform sellers about short-term delivery instructions and medium to long-term requirements.

Document	: delfor 1.2.doc
Author	: P.Jacobs
Date changed	: Sepember, 2003
Status	: DEFINITIVE
Date printed	: 23 September, 2003

1.	INTRODUCTION	4
1.1	PREFACE	4
1.2	EXPLANATION OF MESSAGE-DEFINITION	5
2.	DELFOR MESSAGE-DEFINITION.....	7
2.1	GENERAL COMMENTS	7
2.2	INTERPRETATION ISSUES DELFOR-MESSAGE.....	7
2.3	MAIN DIFFERENCES DELFOR VERSUS DELINS-MESSAGE	8
2.4	UNH "OF MESSAGE" POSITION: 0/-/1	9
2.5	BGM "OF MESSAGE" POSITION: 1/-/2.....	10
2.6	DTM "OF RELEASE TYPE CODE" POSITION: 1/-/3.....	11
2.7	DTM "OF MESSAGE CREATED" POSITION: 1/-/3.....	12
2.8	NAD "OF BUYER" POSITION: 1/2/6.....	13
2.9	NAD "OF INVOICEE" POSITION: 1/2/6	14
2.10	NAD "OF SELLER" POSITION: 1/2/6	15
2.11	UNS "OF MESSAGE" POSITION: 0/-/10.....	16
2.12	NAD "OF CONSIGNEE" POSITION: 1/4/11	17
2.12.1	CTA "of consignee" Position: 2/6/16.....	18
2.12.2	LIN "article of consignee" Position: 2/8/20	19
2.12.2.1	PIA "of article of consignee" Position: 3/8/21	20
2.12.2.2	IMD "of article of consignee" Position: 3/8/22.....	21
2.12.2.3	LOC "of destination of article of consignee" Position: 3/8/27	22
2.12.2.4	LOC "of add. Dest. of article of consignee" Position: 3/8/27	23
2.12.2.5	DTM "last delivery obsolete article of con." Position: 3/8/28	24
2.12.2.6	DTM "Calc. delivery request of art. of con." Position: 3/8/28.....	25
2.12.2.7	DTM "Of accumul. start of article of con." Position:3/8/28.....	26
2.12.2.8	RFF "Of previous del. instr. of art/con" Position: 3/10/32.....	27
2.12.2.8.1	DTM "of previous delivery instruction of art/con" Position:4/11/35.....	28
2.12.2.9	RFF "Of order number of art/con" Position: 3/10/32	29
2.12.2.10	QTY "to be delivered of art/con" Position: 3/12/36.....	30
2.12.2.10.1	SCC "of quantity to be delivered of art/con" Position: 4/12/37.....	31
2.12.2.10.2	DTM "of requested delivery of art/con" Position:4/12/38.....	32
2.12.2.10.3	RFF "Of scheduled article" Position: 4/13/39.....	33
2.12.2.11	QTY "of last despatched of art/con" Position: 3/12/36	34
2.12.2.11.1	RFF "of last despatch doc. of delivery of art/con" Position: 4/13/39	35
2.12.2.11.1.1	DTM "of despatch doc. of delivery of art/con" Position:5/13/40.....	36

2.12.2.12	QTY “Cumulative received of art/con” Position: 3/12/36.....	37
2.12.2.13	QTY “Outstanding of art/con” Position: 3/12/36	38
2.12.2.14	QTY “Cumulative scheduled of art/con” Position: 3/12/36	39
2.12.2.15	PAC “of art/con” Position: 3/14/41	40
2.12.2.15.1	QTY “in package of art/con” Position: 4/14/43	41
2.13	UNS “OF MESSAGE” POSITION: 0/-/91	42
2.14	UNT “OF MESSAGE” POSITION: 0/-/94	43
3.	PROCEDURE OF IMPLEMENTATION.....	44
4.	EXAMPLE OF DELFOR-MESSAGE.....	45
5.	OVERVIEW OF ATTACHMENTS	46
5.1	MESSAGE BRANCHING DIAGRAM AS USED BY DAF	46
6.	CHANGES COMPARED TO VERSION 1.1	47

1. Introduction

1.1 Preface

All electronic communication between DAF and suppliers is based on the standards of Odette. Begin 1997 the decision was taken to change to the Edifact standards. This decision was taken because:

- Odette will no longer be supported in the new century,
- Problems might occur because Odette doesn't support year 2000.

All current suppliers of DAF using Odette, will be contacted to migrate to Edifact. By the end of 1998, DAF will no longer support Odette-messages.

This document informs you how the migration to Edifact will take place. We advise you to read this document carefully. In this document DAF will explain how the DELFOR-message will be filled and how the migration will take place.

In case you have a problem or question, please contact:

DAF TRUCKS N.V.
PO-box 90065
5600 PT Eindhoven
Holland
Attention of:

Paul Jacobs (EDI Manager)
Tel. +31 (0)40 214 3816
Fax +31 (0)40 214 4304
E-Mail: daf.edi@daftrucks.com
Internal postal code: D0701060

John de Kleijn (EDI Coördinator)
Tel. +31 (0)40 214 2618
Fax +31 (0)40 214 4304
E-mail: daf.edi@daftrucks.com
Internal postal code: D0701060

We hope that the migration to Edifact will be well prepared by your people in order not to disturb the production process. In advance, we thank you for your co-operation.

1.2 Explanation of Message-definition

In this paragraph some information can be found how the segments are described. In the contents you can find all segments and their sequence in which they will appear in the DELFOR-message. In attachment A you can find a branching diagram of all segments used by DAF. Every segment will be described in detail in the according paragraph. The codes used have the following meaning:

Explanation of the paragraph:

X.X YYY “description of segment” Position: A/B/C

X.X

Paragraph number indicating the sequence position and level of the segment in the message.

YYY

Segment identification.

“description of segment”

Description what information can be found in the segment at that specific position within the message.

Position: A/B/C

A: Indicates the level of the segment at that specific position within the message.

B: Indicates the group where the segment is part of at that position within the message.

C: Indicates the sequence position of the segment within the message.

Explanation of the first part of the table:

YYY	M	1/3	Description
Explanation what global information can be found within this segment (Edifact definition).			
<i>Explanation how DAF will use this segment at this position to transmit data to suppliers..</i>			

YYY

Segment identification.

M

Defines if DAF always M(andatory) or only if available O(ptional) will transmit this segment. Value R(equired) is used in case of an optional segment that will always be send.

1/3

Indicates the occurrences that might occur of this segment at this position.
Example; this segment can occur 1, 2 or 3 times.

Description

Description of the segment.

Explanation of the second part of the table:

For every data element DAF might use, besides the official description, an extra line is added how DAF will use the specific data element to transmit data to suppliers:

Elm.	DESCRIPTION			EXPLANATION
C002	Edifact definition of composite data element.		M	Edifact description of composite data element.
2005	Edifact definition of data element	An..3	M	Edifact description of use of data element
DAF	<i>Internal (DAF) explanation of data elements used. Used for programming purposes.</i>		M	<i>Explanation for suppliers how DAF will fill the specific data element an what values can be expected.</i>

2. DELFOR Message-definition

2.1 General comments

This specification is based on Odette release V4R0 (D96A) and provides the definition of the delivery schedule message “DELFOR” to be used in Electronic Data Interchange (EDI) between trading partners involved in administration, commerce and transport. Within this chapter DAF will define in detail how the message will be filled.

DAF will use the DELFOR-message for two purposes:

1. As a combination of firm orders followed by a forecast,
2. As a forecast to indicate the quantities that will be ordered by DELFOR-messages

All segments at this moment used by DAF are described according to the physical sequence they are transmitted. The EDIFACT rules are applicable to the complete DELFOR-message.

DAF will reserve the right to add segments or to fill additional fields in existing segments in case this might improve the data exchange with suppliers. These additions may not disturb the processing of the DELFOR-message within your organisation. EDIFACT/ODETTE rules will also be applicable to these modifications. Suppliers will be informed in advance of all future modifications.

2.2 Interpretation issues DELFOR-message

In order to interpret the DELFOR-message as used by DAF correctly, please take notice of the following remarks:

- DELFOR-messages can be created by DAF Production and by DAF Parts. Within DAF, these systems operate in a different environment. The structure of the DELFOR-message is almost identical. Please take notice of the following differences between Production and Parts:
 1. DAF Production ALWAYS uses ONE order for only ONE article.
Different orders can occur for different destinations within DAF for the same supplier. In ONE message it might occur that the SAME article

appears in consecutive LIN-segments referring to DIFFERENT orders.
DAF Parts can use ONE order for many articles.

2. DAF Parts doesn't send information about Package.
- Cumulative quantities and information of previous despatches, are always related to ONE order and NOT to the totals of one article for one supplier (Totals of different orders are NOT cumulated).
 - In case the invoice address differs, a complete new DELFOR-message will be created.

2.3 Main differences DELFOR versus DELINS-message

Some differences between the DELFOR-message and the DELINS-message might result in a different interpretation of the message. Please take notice of these main differences;

1. Optional segments which are empty, are no longer part of the message.
These segments will be skipped. Within the DELINS-message it was possible that DAF sent empty segments;
2. Values in the two LOC-segments (destination and additional destination) are exchanged. In the *first* LOC-segment DAF fills an identification of the warehouse (e.g. 2MC, ODC etc.). For every other warehouse, DAF requires a *new* DESADV-message. In the second LOC-segment additional information like building and gate will be filled.
3. Requested delivery date will always be a day in a week. (In the DELINS-message Parts used a delivery week instead of a day).
4. The PAC-segment will be used for transport package, as well as portion package by DAF. In DELINS, only transport package was sent.

2.4 UNH “of message”

Position: 0/-/1

UNH M 1 Message Header				
Service segment starting and uniquely identifying a message. <i>In case of another invoice address (Westerlo of Eindhoven), a new message will be created starting with this UNH-segment.</i>				
Elm.	DESCRIPTION			EXPLANATION
0062	MESSAGE REFERENCE NUMBER	An..14	M	Message reference number
DAF	EDIMRE		M	DAF creates a unique session number for message.
S009	MESSAGE ID.		M	Identifier of message
0065	Message Type	An..6	M	Type of message
DAF	EDIMTY		M	Value ‘DELFOR’
0052	Message version number	An..3	M	Version number
DAF	EDIMVN		M	Value “D”
0054	Message release number	An..3	M	Release number
DAF	EDIMRN		M	Value “96A”
0051	Controlling agency	An..2	M	Controlling agency
DAF	EDICOA		M	Value “UN”
0057	Associated assigned code	An..6	C	
DAF	EDIAAC		R	Value “A09040”

2.5 BGM “of message”

Position: 1/-/2

BGM M 1 Beginning of message				
A segment for the unique identification of the delivery schedule document by means of its name and its number. To indicate the type and function of a message and to transmit the identifying number.				
Elm.	DESCRIPTION			EXPLANATION
C002	DOCUMENT MESSAGE NAME		C	Identification of a type of document/message by code or name.
1001	Document/message name, coded	An..3	C	Type of message
DAF	EDIDMC		R	Value '241' (Delivery schedule)
1004	DOCUMENT/ MESSAGE NUMBER	An..35	C	Reference number assigned to the document/message by the issuer.
DAF	EDIDNU		M	DAF will identify message by unique number.

2.6 DTM “of release type code” Position: 1/-/3

DTM M 1 Date/time/period (define release type code)				
<p>A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the delivery schedule document date.</p> <p><i>.At this position, it identifies the interpretation of the requested delivery date of articles. Depends on terms of delivery.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C002	DATE/TIME/PERIOD		M	Date and/or time or period relevant to the specified date/time/period
2005	Date/time/period qualifier	An..3	M	Code giving specific meaning to a date, time or period.
DAF	EDIDTQ		M	<p><i>Value defines interpretation of date as defined in the DTM-segment with qualifier “2” (position 4/12/38).</i></p> <p><i>Value “2” (Delivery date/time requested, TOD = Franco)</i></p> <p><i>Value “10” (Shipment date/time requested, TOD = EXWORKS).In Odette value “1” was used.</i></p>

2.7 DTM “of message created” Position: 1/-/3

DTM M 1 Date/time/period				
A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the delivery schedule document date. <i>.At this position, it identifies the date/time the message is created.</i>				
Elm.	DESCRIPTION			EXPLANATION
C002	DATE/TIME/PERIOD		M	Date and/or time or period relevant to the specified date/time/period
2005	Date/time/period qualifier	An..3	M	Code giving specific meaning to a date, time or period.
DAF	EDIDTQ		M	Value 137' (Document/message date/time)
2380	Date/time/period	An..35	C	The value of a date, a date and time a time or of a period in a specified representation.
DAF	EDIDTP		R	Will be filled by DAF with CCYYMMDD message is created.
2379	Date/time/period format qualifier	An..3	C	Specification of the representation of a date, a date and time or of a period.
DAF	EDIDFQ		R	Value “102” (represents: CCYYMMDD)

2.8 NAD “of buyer” Position: 1/2/6

NAD M 1 Name and address (of buyer)				
<p>A segment for identifying names and addresses and their functions relevant for the whole delivery schedule.</p> <p><i>Group 2 will be defined by DAF three times; First the buyer “BY” will be identified, second the Invoicee “IV” and third the Seller “SE”.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
3035	PARTY QUALIFIER	An..3	M	Code giving specific meaning to a party.
DAF	EDIPAQ		M	Default value “BY” (buyer)
C082	PARTY ID. DETAILS		C	Id. of a transaction party by code
3039	Party id. identification	An..35	M	Code identifying a party involved in a transaction. User or association defined code. May be used in combination with 1131/3055.
DAF	EDIPAI		M	ID of DAF as known by seller
3055	Code list responsible agency, coded	An..3	C	Code identifying the agency responsible for a code list.
DAF	EDICAC		R	Value “91” (Assigned by seller or seller’s agent)

2.9 NAD “of Invoicee”

Position: 1/2/6

NAD M 1 Name and address (of invoicee)				
<p>A segment for identifying names and addresses and their functions relevant for the whole delivery schedule.</p> <p><i>Group 2 will be defined by DAF three times; First the buyer “BY” will be identified, second the Invoicee “IV” and third the Seller “SE”.</i></p> <p><i>Invoicee depends on the NAD-consignee. Invoicee can be Eindhoven or Westerlo.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
3035 DAF	PARTY QUALIFIER EDIPAQ.	An..3	M M	Code giving specific meaning to a party. Default value “IV” (invoicee)
C082	PARTY ID. DETAILS		C	Id. of a transaction party by code
3039 DAF	Party id. identification EDIPAI	An..35	M M	Code identifying a party involved in a transaction. May be used in combination with 1131/3055. Internal DAF-code for accounting unit. Example “5002”
3055 DAF	Code list responsible agency, coded EDICAC	An..3	C R	Code identifying the agency responsible for a code list. Value “92” (Assigned by buyer)
C058	NAME AND ADDRESS		C	Unstructured name and address
3124 DAF	Name and address line EDINAL	An..35	M M	Free form name and address description Name: Example “DAF TRUCKS N.V.”
3124 DAF	Name and address line EDINAL	An..35	C R	Free form name and address description Invoice address of company
3124 DAF	Name and address line EDINAL	An..35	C R	Free form name and address description Invoice postcode/post-box
3124 DAF	Name and address line EDINAL	An..35	C R	Free form name and address description Place of company

2.10 NAD “of Seller” Position: 1/2/6

NAD M 1 Name and address (of Seller)				
<p>A segment for identifying names and addresses and their functions relevant for the whole delivery schedule.</p> <p><i>Group 2 will be defined by DAF three times; First the buyer “BY” will be identified, second the Invoicee “IV” and third the Seller “SE”.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
3035	PARTY QUALIFIER	An..3	M	Code giving specific meaning to a party.
DAF	EDIPAQ		M	Default value “SE” (Seller)
C082	PARTY ID. DETAILS		C	Id. of a transaction party by code
3039	Party id. identification	An..35	M	Code identifying a party involved in a transaction. User or association defined code. May be used in combination with 1131/3055.
DAF	EDIPAI		M	Number of seller used by DAF.
3055	Code list responsible agency, coded	An..3	C	Code identifying the agency responsible for a code list.
DAF	EDICAC		R	Value “92” (Assigned by buyer or buyer’s agent)

2.11 UNS “of message” Position: 0/-/10

UNS M 1 Section control				
A service segment placed at the start of the detail section to avoid segment collision.				
Elm.	DESCRIPTION			EXPLANATION
0081	SECTION ID.	An..1	M	Header/detail section separation
<i>DAF</i>	<i>EDISID</i>		<i>M</i>	<i>Default value “D” (Detail)</i>

2.12 NAD “of Consignee” Position: 1/4/11

NAD M 1 Name and address (of Consignee)				
<p>A segment for identifying names and addresses and their functions relevant for the whole delivery schedule.</p> <p><i>Group 4 will be defined by DAF at least once. Every order consists of only one consignee. For every physical place of delivery, a separate NAD for consignee will be transmitted. Consequence: Same article might occur in different orders because destination is different.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
3035 DAF	PARTY QUALIFIER EDIPAQ	An..3	M M	Code giving specific meaning to a party. <i>Default value “CN” (Consignee)</i>
C082	PARTY ID. DETAILS		C	Id. of a transaction party by code
3039 DAF	Party id. identification EDIPAI	An..35	M M	Code identifying a party involved in a transaction. User or association defined code. May be used in combination with 1131/3055. <i>‘E’ will be used for ‘Eindhoven’ ‘W’ will be used for ‘Westerlo’ ‘P’ will be used for ‘Parts’</i>
3055 DAF	Code list responsible agency, coded EDICAC	An..3	C R	Code identifying the agency responsible for a code list. <i>Value “92” (Assigned by buyer or buyer’s agent)</i>

2.12.1 CTA “of consignee” Position: 2/6/16

CTA O 0/1 Contact information (of consignee)				
<p>A segment to identify the person, function, or department to whom communication should be directed.</p> <p><i>If available name of expediter at DAF will be transmitted in this CTA segment (Group 6, NAD information of Consignee).</i></p>				
Elm.	DESCRIPTION			EXPLANATION
3139	CONTACT FUNCTION, CODED	An..3	C	Code specifying the function of a contact (e.g. department or person).
DAF	EDICFC		M	Default value “IC” (Information contact)
C056	DEPARTMENT OR EMPLOYEE DETAILS		C	Code and/or name of a department or employee. Code preferred.
3412	Department or employee	An..35	C	The department or person within an organisational entity.
DAF	EDIDEE		R	Name of expediter of DAF.

2.12.2 LIN “article of consignee”

Position: 2/8/20

LIN	M	1/500	Line item	
<p>A segment identifying the details of the product or service to be delivered e.g. product identification. All other segments in the detail section following the LIN segment, refer to the line item.</p> <p><i>For every article/order, a new group 8 will be created, starting with the LIN-segment in which the article number can be found.</i></p> <p><i>Attention: The same article can be used in different orders (continuous orders, separate orders, repair orders). Result: It might be possible that the same article number appears in two consecutive LIN-segments. The order numbers in the underlying RFF-segments will contain different order numbers!</i></p>				
Elm.	DESCRIPTION			EXPLANATION
1082	LINE ITEM NUMBER	N..6	C	
DAF	EDILIN.		R	DAF will fill a sequence number for every new article in one message.
1229	ACTION REQUEST/ NOTIFICATION, CODED	An..3	C	Code specifying the action to be taken or already taken.
DAF	EDIARC		R	Default value “3” (Changed delivery request, replaces previous instruction). Value used to be ‘1’ in Odette.
C212	ITEM NUMBER IDENTIFICATION		C	Goods identification for a specified source.
7140	Item number	An..35	C	A number allocated to a group or item.
DAF	EDIITN		R	Identification of article used by DAF.
7143	Item number type, coded	An..3	C	Identification of the type of the item number. User or association defined code. May be used in combination with 1131/3055.
DAF	EDIITC		R	Value ‘IN’ (Buyer’s item number).

2.12.2.1 PIA "of article of consignee" Position: 3/8/21

PIA O 0/1 Additional product id.				
A segment providing additional product identification.				
<i>If article number used by seller or modification number is known by DAF, this segment will be transmitted.</i>				
Elm.	DESCRIPTION			EXPLANATION
4347	PRODUCT ID. FUNCTION QUALIFIER	An..3	M	Indication of the function of the product code.
DAF	EDIPFQ		M	Value "1" (Additional identification).
C212	ITEM NUMBER IDENTIFICATION		M	Goods identification for a specified source. <i>Composite data element can occur several times within this segment.</i>
7140	Item number	An..35	C	A number allocated to a group or item.
DAF	EDIITN		R	Article identifications as used by seller.
7143	Item number type, coded	An..3	C	Identification of the type of the item number. User or association defined code. May be used in combination with 1131/3055.
DAF	EDIITC		R	Value "SA" (Supplier's article number).
C212	ITEM NUMBER ID.		M	Goods id. for a specified source.
7140	Item number	An..35	C	A number allocated to a group or item.
DAF	EDIITN		O	Actual modification number of article.
7143	Item number type, coded	An..3	C	Identification of the type of the item number. User or association defined code. May be used in combination with 1131/3055.
DAF	EDIITC		O	Value "EC" (Engineering change level).

2.12.2.2 IMD “of article of consignee”

Position: 3/8/22

IMD O 0/1 Item description				
A segment providing information about the status of the article.				
Elm.	DESCRIPTION			EXPLANATION
C273	ITEM DESCRIPTION		C	Description of item
7009	Item description identification	An..17	C	Article status (coded).
DAF	EDIIDI		R	DAF uses values “01” (new article) , “02” (obsolete article), “03” (Current article production) and “06” (Current article spares).
1131	Code list qualifier	An..3	C	
DAF	EDICLQ		R	Value “15” (Code-list id)
3055	Code list responsible agency, coded	An..3	C	Code identifying the agency responsible for a code list.
DAF	EDICAC		R	Value “10” (Odette)

2.12.2.3 LOC “of destination of article of consignee” Position: 3/8/27

LOC O 0/2 Location (destination)				
A segment providing information about a location.				
Elm.	DESCRIPTION			EXPLANATION
3227	PLACE/LOCATION QUALIFIER	An..3	M	Code identifying the function of a location.
DAF	EDIPDQ		M	Value “11” (Place/port of discharge)
C517	LOCATION ID.		C	Identification of a location
3225	Place/location id.	An..25	C	Place of discharge id.
DAF	EDIPDI		R	Destination e.g. ‘2MC’ or ‘ODC’ (Parts) or ‘VDA’ (Non production articles). This data is essential in combination with the DESADV-message. For every other Destination, DAF requires a NEW DESADV-message!!!

2.12.2.4 LOC “of add. Dest. of article of consignee” Position: 3/8/27

LOC O 0/2 Location (additional destination)				
A segment providing information about a location.				
Elm.	DESCRIPTION			EXPLANATION
3227	PLACE/LOCATION QUALIFIER	An..3	M	Code identifying the function of a location.
DAF	EDIPDQ		M	Value “159” (Additional internal destination)
C517	LOCATION ID.		C	Identification of a location
3225	Place/location id.	An..25	C	Place of discharge id.
DAF	EDIPDI		R	Defines building and gate. Example: “C3600” = C36(building) + 00(gate). This information should be printed on the Odette labels as Destination information.

2.12.2.5 DTM "last delivery obsolete article of con." Position: 3/8/28

DTM O 0/1 Date/time/period (last delivery date)				
<p>A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the delivery schedule document date.</p> <p><i>At this position, DAF will send 1/3 different dates;</i></p> <p><i>First (optional): If this field is filled, be careful, after this date this article will become obsolete. After this date DAF will not accept any deliveries.</i></p> <p><i>Second: The date the delivery requests were calculated,</i></p> <p><i>Third (optional): Date on which the accumulation of quantities is started. DAF always refreshes the start of accumulation of quantities on the first day in the new year. Therefore, this field will always be filled with the first workday of the new year.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C002	DATE/TIME/PERIOD		M	Date and/or time or period relevant to the specified date/time/period
2005	Date/time/period qualifier	An..3	M	Code giving specific meaning to a date, time or period.
DAF	EDIDTQ		M	Value "128" (Delivery date/time, last)
2380	Date/time/period	An..35	C	The value of a date, a date and time a time or of a period in a specified representation.
DAF	EDIDTP		C	Will optionally be filled by DAF with CCYYMMDD..
2379	Date/time/period format qualifier	An..3	C	Specification of the representation of a date, a date and time or of a period.
DAF	EDIDFQ		R	Value "102" (represents: CCYYMMDD)

2.12.2.6 DTM "Calc. delivery request of art. of con." Position: 3/8/28

DTM M 1/1 Date/time/period (calculation date of requests)				
<p>A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the delivery schedule document date.</p> <p><i>At this position, DAF will send 1/3 different dates;</i></p> <p><i>First (optional): If this field is filled, be careful, after this date this article will become obsolete. After this date DAF will not accept any deliveries.</i></p> <p><i>Second: The date the delivery requests were calculated,</i></p> <p><i>Third (optional): Date on which the accumulation of quantities is started. DAF always refreshes the start of accumulation of quantities on the first day in the new year. Therefore, this field will always be filled with the first day of the new year.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C002	DATE/TIME/PERIOD		M	Date and/or time or period relevant to the specified date/time/period
2005	Date/time/period qualifier	An..3	M	Code giving specific meaning to a date, time or period.
DAF	EDIDTQ		M	Value "257" (Calculation date of request)
2380	Date/time/period	An..35	C	The value of a date, a date and time a time or of a period in a specified representation.
DAF	EDIDTP		R	Will be filled by DAF with CCYYMMDDHHMM message is created (HHMM will be included).
2379	Date/time/period format qualifier	An..3	C	Specification of the representation of a date, a date and time or of a period.
DAF	EDIDFQ		R	Value "203" (represents: CCYYMMDDHHMM)

2.12.2.7 DTM "Of accumul. start of article of con." Position:3/8/28

DTM O 0/1 Date/time/period (calculation date of requests)				
<p>A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the delivery schedule document date.</p> <p><i>At this position, DAF will send 1/3 different dates;</i></p> <p><i>First (optional): If this field is filled, be careful, after this date this article will become obsolete. After this date DAF will not accept any deliveries.</i></p> <p><i>Second: The date the delivery requests were calculated,</i></p> <p><i>Third (optional): Date on which the accumulation of quantities is started. DAF always refreshes the start of accumulation of quantities on the first day in the new year. Therefore, this field will always be filled with the first day of the new year.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C002	DATE/TIME/PERIOD		M	Date and/or time or period relevant to the specified date/time/period
2005	Date/time/period qualifier	An..3	M	Code giving specific meaning to a date, time or period.
DAF	EDIDTQ		M	Value "51" (Cumulative quantity start date)
2380	Date/time/period	An..35	C	The value of a date, a date and time a time or of a period in a specified representation.
DAF	EDIDTP		R	Will be filled by DAF with CCYYMMDD of the first day of the current year.
2379	Date/time/period format qualifier	An..3	C	Specification of the representation of a date, a date and time or of a period.
DAF	EDIDFQ		R	Value "102" (represents: CCYYMMDD)

2.12.2.8 RFF "Of previous del. instr. of art/con" Position: 3/10/32

RFF O 0/1 Reference				
<p>A segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item.</p> <p><i>In case available, DAF will send reference number of previous delivery instruction number.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C506	REFERENCE		M	Identification of a reference
1153	Reference qualifier	An..3	M	Code giving specific meaning to reference segment or a reference number.
DAF	EDIRQU		M	Value "AIF" (Previous delivery instruction number)
1154	Reference number	An..35	C	Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.
DAF	EDIRNU		C	Reference number will be generated based on date the last delivery instruction was sent.

2.12.2.8.1 DTM "of previous delivery instruction of art/con"

Position:4/11/35

DTM O 0/1 Date/time/period (of previous delivery request)				
<p>A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the delivery schedule document date.</p> <p><i>At this position, if available, DAF will send the date of the previous delivery instruction.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C002	DATE/TIME/PERIOD		M	Date and/or time or period relevant to the specified date/time/period
2005	Date/time/period qualifier	An..3	M	Code giving specific meaning to a date, time or period.
DAF	EDIDTQ		M	Value "171" (Reference date/time)
2380	Date/time/period	An..35	C	The value of a date, a date and time a time or of a period in a specified representation.
DAF	EDIDTP		C	Will be filled by DAF with CCYYMMDD of the last delivery instruction.
2379	Date/time/period format qualifier	An..3	C	Specification of the representation of a date, a date and time or of a period.
DAF	EDIDFQ		R	Value "102" (represents: CCYYMMDD)

2.12.2.9 RFF "Of order number of art/con" Position: 3/10/32

RFF O 0/1 Reference(order number)				
A segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item. <i>In case available, DAF will send order number.</i>				
Elm.	DESCRIPTION			EXPLANATION
C506	REFERENCE		M	Identification of a reference
1153	Reference qualifier	An..3	M	Code giving specific meaning to reference segment or a reference number.
DAF	EDIRQU		M	Value "ON" (Order number)
1154	Reference number	An..35	C	Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.
DAF	EDIRNU		R	Only for Production every order always consists of only ONE article.
4000	Reference version number	An..35	C	Reference Version number
DAF	EDIRVN		R	More than one order for ONE supplier can be applicable. DAF informs here kind of order: "L" separate order "D" continuous order "U" repair order

2.12.2.10 QTY “to be delivered of art/con” Position: 3/12/36

QTY M 1 Quantity (to be delivered)				
<p>A segment to specify pertinent quantities which may be related to schedules and/or pattern established in the SCC/DTM segment, e.g. delivery quantity or a specified date.</p> <p><i>In case of backorder segment QTY+83 occurs, this will come before QTY+113.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C186	QUANTITY DETAILS		M	Quantity information in a transaction, qualified when relevant.
6063	Quantity qualifier	An..3	M	Code giving specific meaning to a quantity
DAF	EDIQUQ		M	<p><i>Value “83” in case of backorder quantity to be delivered immediately.</i></p> <p><i>In case of backorder, quantity will be positive (In Odette quantity * -1 was entered by DAF)</i></p> <p><i>Value “113” requested quantity</i></p> <p><i>Value “183” in case no delivery requirements in this instruction. In this case quantity will be filled with “0”.</i></p>
6060	Quantity	N..15	M	Numeric value of a quantity.
DAF	EDIQUA		M	<i>Quantity that needs to be delivered</i>
6411	Measure unit qualifier	An..3	C	Indication of the unit of measurement in which weight (mass) capacity, length, area, volume or other quantity is expressed.
DAF	EDIMUQ		C	<i>Odette codes. Default value “PCE” not filled.</i>

2.12.2.10.1 SCC "of quantity to be delivered of art/con" Position: 4/12/37

SCC O 0/1 Scheduling conditions				
A segment to specify the type and status of the schedule being given, and optionally defining a pattern to be established, e.g. firm or proposed delivery schedule for a weekly pattern.				
Elm.	DESCRIPTION			EXPLANATION
4017	DELIVERY PLAN STATUS INDICATOR, CODED	An..3	M	Code indicating the level of commitment of schedule information.
DAF	EDIDIC		M	DAF Will use following codes: Value "1" (firm order) To be delivered. Value "4" (planning/forecast)
C329	PATTERN DESCRIPTION		C	Shipment, delivery or production interval pattern and timing
2013	Frequency, coded	An..3	C	Code specifying interval grouping of the delivery, delivery, production etc. Of the schedule.
DAF	EDIFRC		C	Delivery frequency: Value "Y" (daily).

2.12.2.10.2 DTM "of requested delivery of art/con" Position:4/12/38

DTM M 1 Date/time/period (of requested delivery)				
A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the delivery schedule document date. .				
Elm.	DESCRIPTION			EXPLANATION
C002	DATE/TIME/PERIOD		M	Date and/or time or period relevant to the specified date/time/period
2005	Date/time/period qualifier	An..3	M	Code giving specific meaning to a date, time or period.
DAF	EDIDTQ		M	Value "2" (Delivery date/time, requested)
2380	Date/time/period	An..35	C	The value of a date, a date and time a time or of a period in a specified representation.
DAF	EDIDTP(EENAFPJMD)		C	Will be filled by DAF with CCYYMMDD of the requested delivery date. In case of EX WORKS, this is the date the goods must be available at the seller to be picked up. In case of FRANCO, this is the date the goods must be delivered to DAF by the seller TOD is defined in the DTM-segment (1/0/10;release type code).
2379	Date/time/period format qualifier	An..3	C	Specification of the representation of a date, a date and time or of a period.
DAF	EDIDFQ		R	Value "102" (represents: CCYYMMDD)

2.12.2.10.3 RFF "Of scheduled article" Position: 4/13/39

RFF O 0/1 Reference(order number)				
<p>A segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item.</p> <p><i>In case available, DAF will send a part consignment number for every separate request of delivery of one specific article.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C506	REFERENCE		M	Identification of a reference
1153	Reference qualifier	An..3	M	Code giving specific meaning to reference segment or a reference number.
DAF	EDIRQU		M	Value "AAP" (Part consignment number)
1154	Reference number	An..35	C	Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.
DAF	EDIRNU		R	Only used for NON-production goods. Reference number should be used on despatch documents and labels (Delivery instruction number).

2.12.2.11 QTY “of last despatched of art/con” Position: 3/12/36

QTY O 0/2 Quantity (despatched)				
<p>A segment to specify pertinent quantities which may be related to schedules and/or pattern established in the SCC/DTM segment, e.g. delivery quantity or a specified date.</p> <p><i>If available, DAF will send last en second last quantity despatched.</i></p> <p><i>Attention: these quantities are order related (article can be used in more than one order!)</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C186	QUANTITY DETAILS		M	Quantity information in a transaction, qualified when relevant.
6063	Quantity qualifier	An..3	M	Code giving specific meaning to a quantity
DAF	EDIQUQ		M	Value “12” (Despatch quantity)
6060	Quantity	N..15	M	Numeric value of a quantity.
DAF	EDIQUA		C	Last quantity RECEIVED of this article. Despatched quantity not available. If zero segment will not be created.
6411	Measure unit qualifier	An..3	C	Indication of the unit of measurement in which weight (mass) capacity, length, area, volume or other quantity is expressed.
DAF	EDIMUQ		R	Odette codes. Default value “PCE” not filled.

2.12.2.11.1 RFF "of last despatch doc. of delivery of art/con" Position: 4/13/39

RFF O 0/1 Reference (despatch document)				
<p>A segment for identifying documents relating to the line item, e.g. a contract and its appropriate line item.</p> <p><i>In case previous QTY-segment was filled, number of despatch document will be transmitted too.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C506	REFERENCE		M	Identification of a reference
1153	Reference qualifier	An..3	M	Code giving specific meaning to reference segment or a reference number.
DAF	EDIRQU		M	Value "AAK" (Despatch advice number)
1154	Reference number	An..35	C	Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.
DAF	EDIRNU		C	DAF will fill first 10 positions of received despatch document.

2.12.2.11.1.1 DTM "of despatch doc. of delivery of art/con"

Position:5/13/40

DTM O 0/1 Date/time/period (of despatch document)				
<p>A segment specifying the date, and when relevant, the time/period of the beginning and ending of the validity period of the document. The DTM must be specified at least once to identify the delivery schedule document date.</p> <p><i>If Despatch document available and date of document is entered too, this segment will be send to seller.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C002	DATE/TIME/PERIOD		M	Date and/or time or period relevant to the specified date/time/period
2005	Date/time/period qualifier	An..3	M	Code giving specific meaning to a date, time or period.
DAF	EDIDTQ		M	Value "171" (Reference date, time)
2380	Date/time/period	An..35	C	The value of a date, a date and time a time or of a period in a specified representation.
DAF	EDIDTP		C	Will be filled by DAF with CCYYMMDD of the despatch document.
2379	Date/time/period format qualifier	An..3	C	Specification of the representation of a date, a date and time or of a period.
DAF	EDIDFQ		R	Value "102" (represents: CCYYMMDD)

2.12.2.12 QTY “Cumulative received of art/con” Position: 3/12/36

QTY O 0/1 Quantity (cumulative quantity received)				
<p>A segment to specify pertinent quantities which may be related to schedules and/or pattern established in the SCC/DTM segment, e.g. delivery quantity or a specified date.</p> <p><i>If available DAF will send this information.</i></p> <p><i>Attention: Information is related to ONE order. Article can have more than one order!!</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C186	QUANTITY DETAILS		M	Quantity information in a transaction, qualified when relevant.
6063	Quantity qualifier	An..3	M	Code giving specific meaning to a quantity
DAF	EDIQUQ		M	Value “70” (Cumulative quantity received)
6060	Quantity	N..15	M	Numeric value of a quantity.
DAF	EDIQUA		C	Cumulative quantity received since begin of current year or since start of new contract in current year. Field will be initialised every new year. If zero segment will not be created.
6411	Measure unit qualifier	An..3	C	Indication of the unit of measurement in which weight (mass) capacity, length, area, volume or other quantity is expressed.
DAF	EDIMUQ		R	Odette codes. Default value “PCE” not filled.

2.12.2.13 QTY "Outstanding of art/con" Position: 3/12/36

QTY O 0/1 Quantity (Outstanding)				
A segment to specify pertinent quantities which may be related to schedules and/or pattern established in the SCC/DTM segment, e.g. delivery quantity or a specified date. <i>DAF will send an outstanding quantity if available . (Only for information !)</i>				
Elm.	DESCRIPTION			EXPLANATION
C186	QUANTITY DETAILS		M	Quantity information in a transaction, qualified when relevant.
6063	Quantity qualifier	An..3	M	Code giving specific meaning to a quantity
<i>DAF</i>	<i>EDIQUQ</i>		<i>M</i>	<i>Value "73" (Outstanding quantity)</i>
6060	Quantity	N..15	M	Numeric value of a quantity.
<i>DAF</i>	<i>EDIQUA</i>		<i>C</i>	<i>The quantity is assigned: Without sign, corresponds to UNDER delivery A negative value "-" corresponds to OVER delivery. (Only information for balancing !)</i>
6411	Measure unit qualifier	An..3	C	Indication of the unit of measurement in which weight (mass) capacity, length, area, volume or other quantity is expressed.
<i>DAF</i>	<i>EDIMUQ</i>		<i>R</i>	<i>Odette codes. Default value "PCE" not filled.</i>

2.12.2.14 QTY "Cumulative scheduled of art/con" Position: 3/12/36

QTY O 0/1 Quantity (Cum. Quantity scheduled)				
<p>A segment to specify pertinent quantities which may be related to schedules and/or pattern established in the SCC/DTM segment, e.g. delivery quantity or a specified date.</p> <p><i>If available (and not zero) quantity will be send to seller</i></p> <p><i>Attention: Information is related to ONE order. Article can have more than one order!!</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C186	QUANTITY DETAILS		M	Quantity information in a transaction, qualified when relevant.
6063	Quantity qualifier	An..3	M	Code giving specific meaning to a quantity
DAF	EDIQUQ		M	Value "78" (Cumulative quantity scheduled)
6060	Quantity	N..15	M	Numeric value of a quantity.
DAF	EDIQUA		C	
6411	Measure unit qualifier	An..3	C	Indication of the unit of measurement in which weight (mass) capacity, length, area, volume or other quantity is expressed.
DAF	EDIMUQ		C	Odette codes. Default value "PCE" not filled.

2.12.2.15 PAC “of art/con” Position: 3/14/41

PAC O 0/2 Package				
<p>A segment to specify the number of package units and the physical type.</p> <p><i>IN case available, DAF will send package information to seller. Parts will never send package information.</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C531	PACKAGE DETAILS		C	Details of package
7075 DAF	Packaging level, coded <i>EDIPLC</i>	An..3	C C	Indication of level of packaging specified. <i>Value “1” (Inner)</i> <i>Value “2” (Intermediate)</i> <i>Value “3” (Outer)</i> <i>Value “4” (no packaging hierarchy)</i> <i>DAF can transmit (one) PAC-segment with Transport package (value “3”) and additional, portion package (Value “1”)</i>
C202	PACKAGE TYPE		C	Type of package by name or by code from a specified source.
7065 DAF	Type of packages identification <i>EDITPI</i>	An..17	C C	Code description of the form in which goods are presented. <i>DAF code to identify the package.</i>
3055 DAF	Code list responsible agency, coded <i>EDICAC</i>	An..3	C C	Code identifying the agency responsible for a code list. <i>Value “92” (Assigned by buyer or buyer’s agent)</i>

2.12.2.15.1 QTY "in package of art/con" Position: 4/14/43

QTY O 0/1 Quantity (articles in package)				
<p>A segment to specify pertinent quantities which may be related to schedules and/or pattern established in the SCC/DTM segment, e.g. delivery quantity or a specified date.</p> <p><i>If available DAF will transmit quantity of articles DAF .</i></p>				
Elm.	DESCRIPTION			EXPLANATION
C186	QUANTITY DETAILS		M	Quantity information in a transaction, qualified when relevant.
6063	Quantity qualifier	An..3	M	Code giving specific meaning to a quantity
DAF	EDIQUQ	An..3	M	Value "52" (Quantity per pack) Depending on the previous PAC-segment, this quantity of the inner level will be transmitted
6060	Quantity	N..15	M	Numeric value of a quantity.
DAF	EDIQUA	N..15	C	Quantity of articles in ONE package.
6411	Measure unit qualifier	An..3	C	Indication of the unit of measurement in which weight (mass) capacity, length, area, volume or other quantity is expressed.
DAF	EDIMUQ	An..3	C	Odette codes. Default value "PCE" not filled.

2.13 UNS “of message” Position: 0/-/91

UNS M 1 Section control				
A service segment placed at the start of the summary section to avoid segment collision.				
Elm.	DESCRIPTION			EXPLANATION
0081	SECTION IDENTIFICATION	An..1	M	Section separator
DAF	EDISID		M	Value “S” (Detail/summary section separation)

2.14 UNT “of Message” Position: 0/-/94

UNT M 1 Message trailer				
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.				
Elm.	DESCRIPTION			EXPLANATION
0074	NUMBER OF SEGMENTS IN THE MESSAGE	N..6	M	Number of segments in the message
DAF	EDINSM		M	Calculate total of transmitted segments in message.
0062	MESSAGE REFERENCE NUMBER	An..14	M	Message reference number
DAF	EDIMRE		M	DAF creates a unique session number for message.

3. Procedure of implementation

In this chapter we describe the steps to be taken to implement the standard Edifact DELFOR message. We also defined a time frame in which we want to complete the migration of the DELFOR-message with your organisation.

1. *Introduction (max. 1 week).*

Investigate EDI-interaction between DAF and supplier. Some questions that need to be answered:

- What messages (IN/OUT) are used?
- What departments are involved (DAF Parts and/or Production involved)?

Together with the supplier, a global time-frame will be made when the other remaining steps will be taken.

2. *Check DELFOR-definition used by DAF (Max. 2 weeks).*

Supplier will check how DAF will fill the DELFOR-message and confirm on paper that the message can be created according these specifications. If necessary, supplier will take action to initiate system adjustments.

3. *Plan implementation activities (Max. 1 week).*

Based on the results of the previous action, the implementation of the DELFOR-message will be planned together with the supplier.

4. *Test DELFOR (Max. 4 weeks).*

Supplier will inform when first DELFOR-message can be transmitted for test purposes. If necessary more test messages will be send. Supplier will confirm on paper that the message can be processed correctly.

5. *Operational DELFOR (milestone X).*

Together a date will be determined to implement the DELFOR-message. From that date, the DELFOR-message will become an operational status.

6. *Evaluate DELFOR (max. 4 weeks).*

During the first 4 weeks of being operational, the message exchange will be checked carefully in order to avoid problems. After this period an evaluation will take place together with the supplier, to discuss the complete process.

Based on these steps, DAF will try to complete the implementation within a time-frame of 16 weeks. This time-frame will be discussed with your people.

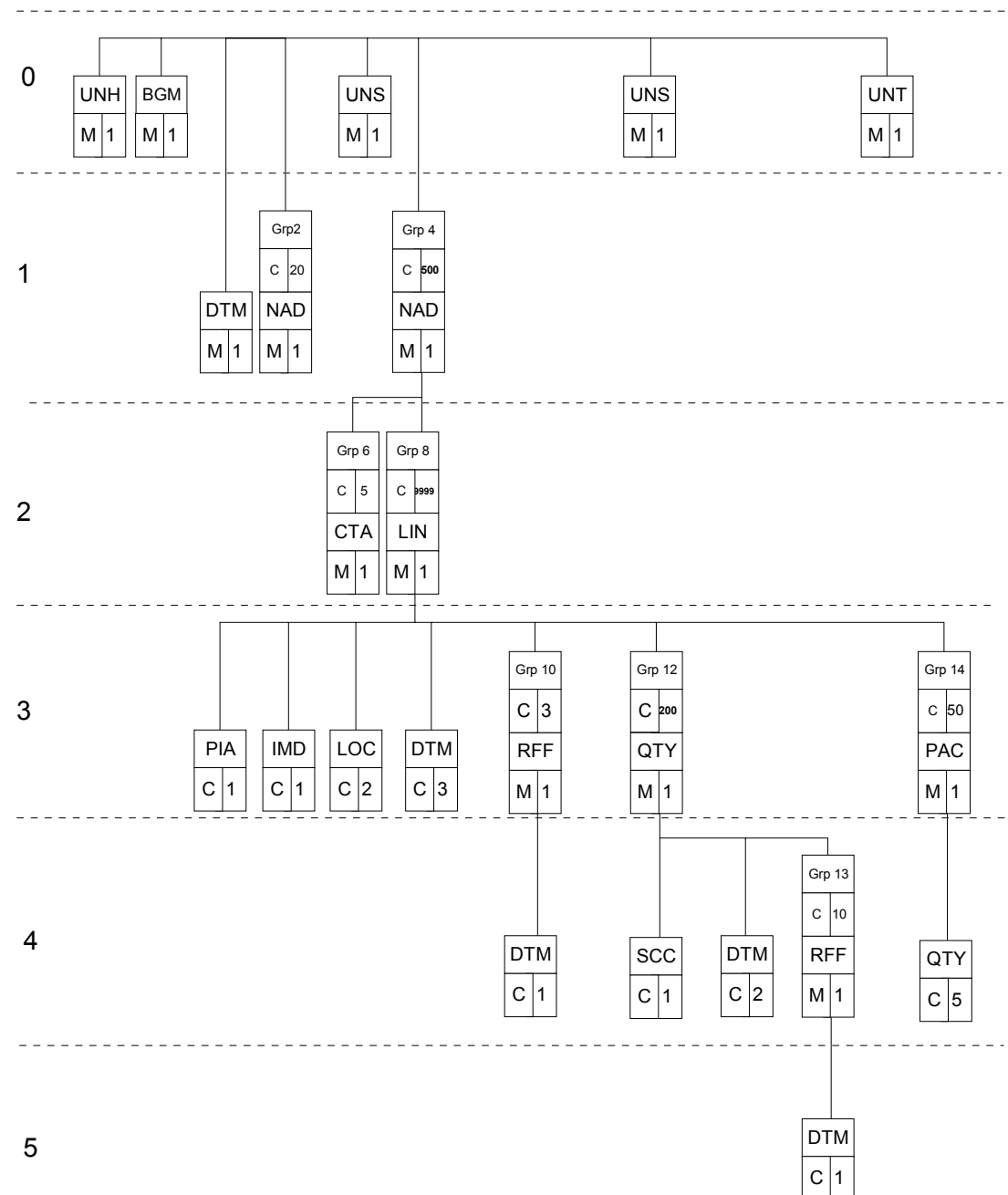
4. Example of DELFOR-message

4.1 Example DAF Message

UNB+UNOA:2+003117000000032876000001:OD+003117000000012345:OD+030905:1157+000000000000846
UNH+000000000000001+DELFOR:D:96A:UN:A09040
BGM+241+000000000000846
DTM+10
DTM+137:20030905:102
NAD+BY+DAF::91
NAD+IV+7002::92+DAF TRUCKS EINDHOVEN::90061:5600 PN EINDHOVEN
NAD+SE+12345::92
UNS+D
NAD+CN+E::92
CTA+IC+:KLEIJN, J.A.C.
LIN+1+3+1364408:IN
IMD+++03:15:10
LOC+11+2MW
LOC+159+C3600
DTM+257:200309051157:203
DTM+51:20030101:102
RFF+AIF:20030825
DTM+171:20030825:102
RFF+ON:P79916::D
QTY+83:1
SCC+1++Y
DTM+2:20030902:102
QTY+113:1
SCC+1++Y
DTM+2:20030905:102
QTY+113:1
SCC+1++Y
DTM+2:20030915:102
QTY+113:1
SCC+1++Y
DTM+2:20030916:102
QTY+113:1
SCC+4++Y
DTM+2:20031001:102
QTY+113:1
SCC+4++Y
DTM+2:20031010:102
QTY+113:1
SCC+4++Y
DTM+2:20031027:102
QTY+113:1
SCC+4++Y
DTM+2:20031110:102
QTY+113:2
SCC+4++Y
DTM+2:20031117:102
QTY+113:2
SCC+4++Y
DTM+2:20031124:102
QTY+113:3
SCC+4++Y
DTM+2:20031201:102
QTY+12:7
RFF+AAK:68885
DTM+171:20030829:102
QTY+12:6
RFF+AAK:68839
DTM+171:20030826:102
QTY+70:142
QTY+78:15
PAC+0+3+C4::92
QTY+52:15
PAC+0+1+C4::92
QTY+52:15
UNS+S
UNT+66+000000000000001
UNZ+1+000000000000846

5. Overview of attachments

5.1 Message branching diagram as used by DAF



6. Changes compared to version 1.1

Version	Page	Seg.	Tag	Change
1.2	30	QTY	---	Segment explanation field text added. <i>In case of backorder segment QTY+83 occurs, this will come before QTY+113.</i>
1.2	31	SCC	2013	Value T, W, E and ZZZ deleted.
1.2	31	SCC	---	Segment explanation field text deleted. <i>DAF only sends a SCC-segment in case of previous QTY-segment with data element 6063 (Quantity qualifier) with value "113".</i> Reason: SCC segment will be send after QTY+83 and QTY+113.
1.2	44	---	---	Procedure of implementation changed.
1.2	45	---	---	Example added.