



ZF Group North American Operations

EDI Implementation Guide

EDIFACT DELFOR D.97A

Version 1.4

Authors:	Bill Roeding
Publication Date:	December 1, 1999
Created:	April 16, 1999
Modified:	May 13, 2005

Table of Contents

Introduction	1
ZF Group NAO Contacts	2
Configuration and Setup	3
Sample Production Data.....	4
Delivery schedule message.....	5
INTERCHANGE HEADER	7
MESSAGE HEADER.....	10
BEGINNING OF MESSAGE	11
DATE/TIME/PERIOD	12
FREE TEXT	13
Segment Group 2.....	14
NAME AND ADDRESS.....	15
Segment Group 6.....	16
GENERAL INDICATOR	17
Segment Group 7.....	18
NAME AND ADDRESS.....	19
Segment Group 12.....	20
LINE ITEM.....	21
ADDITIONAL PRODUCT ID.....	22
Segment Group 13.....	23
REFERENCE.....	24
DATE/TIME/PERIOD	25
Segment Group 15.....	26
QUANTITY.....	27
DATE/TIME/PERIOD	28
Segment Group 16.....	29
REFERENCE.....	30
DATE/TIME/PERIOD	31
Segment Group 17.....	32
SCHEDULING CONDITIONS	33
Segment Group 18.....	34
QUANTITY.....	35
DATE/TIME/PERIOD	36
MESSAGE TRAILER.....	37
INTERCHANGE TRAILER.....	38



Introduction

This document provides an explanation of the structure and data content of the EDIFACT DELFOR D.97A transaction set issued by ZF Group North American Operations (NAO). ZF Group NAO follows the conventions described in the ZF Germany Implementation Guidelines.

Contact must be made with our EDI Group before any EDIFACT DELFOR D.97A transaction set will be transmitted to the supplier. A receiver ID will be determined at the time of contact.

Our EDI Group will strive to implement new transaction sets and update existing sets, as the efficient exchange of information becomes more critical to the success of our organizations. We will work closely with our supplier community to implement these changes.

Bill Roeding
EDI Team Leader
ZF Corporate Services LLC
Corporate Information Technology
205 West Fourth Street, Suite 1140
Cincinnati, OH 45202
Phone (513) 744-3700
Fax (513) 744-3710
Email: bill.roeding@zf.com



ZF Group NAO Contacts

North American Headquarters

ZF Group NAO
15811 Centennial Drive
Northville, MI 48167

Corporate Information Technology

ZF Corporate Services LLC
205 West Fourth Street, Suite 1140
Cincinnati, OH 45202

ZF Group NAO Help Desk

513-744-3700

ZF Group NAO EDI Support Email

edi-support.nao@zf.com

ZF Group NAO EDI Team Leader

Bill Roeding
bill.roeding@zf.com



Configuration and Setup

Version/Release Level	ZF Group NAO uses the EDIFACT DELFOR D.97A transaction set.
Value Added Network	ZF Group NAO uses Sterling Commerce Information Broker as our data communication network service (877-432-4300).
Frequency of transmission	As specified in the plant-supplier agreement.
Sender Identification	ZF Group NAO uses the facility DUNS number for the Sender identification with a 01 for the identification code qualifier. The NAD020 element within the transaction uses the four-digit facility code below.

<u>DUNS No.</u>	<u>Facility Code</u>	<u>Facility Location</u>
848466603	LC01	ZF Lemforder – Brewer, ME
024058567	LC03	ZF Lemforder - Hebron, KY
033314019	LC4M	ZF Lemforder Components - Duncan, SC
838667152	LC4S	ZF Lemforder Systems - Duncan, SC
054975029	LC05	ZF Lemforder - Lancaster, SC
123851045	LC06	ZF Lemforder – Lapeer, MI
131662855	LC08	ZF Lemforder – Chicago, IL
185581852	LC09	ZF Lemforder – Newton, NC
009413373	ZFIM	ZF Marine - Ft. Lauderdale, FL
933874026	(AZFG, ZAGT, ZFIG)	ZF Industries - Gainesville, GA
877009449	ZFIC	ZF Industries – Vernon Hills, IL
965061609	ZFIT	ZF Industries - Tuscaloosa, AL

Receiver Identification	In most cases the receiver ID is the supplier’s DUNS number. Special cases will be mutually agreed upon between ZF Group NAO and the supplier.
-------------------------	--

Web-based EDI solutions	SupplyOn - Internet marketplace for suppliers.
-------------------------	---

Telephone 011 49 1805 SUPPLYON (from North America) or
 From outside the USA/Canada,
 +49 800-SU PP LY ON (+49 800-78 77 59 66)
 E-mail: Info@SupplyOn.com

Contact the EDI staff to learn more about receiving EDI data over the Internet.



Sample Production Data

UNB+UNOA:2+965061609:01+0123456789+050422:1541+00000000000023++++1'
UNH+000000042+DELFOR:D:97A:UN'
BGM+241+19+5'
DTM+137:20050422:102'
DTM+158:20050422:102'
DTM+159:20060422:102'
FTX+AAI+++FREE TEXT LINE'
NAD+MI+ZFIT::92++ZF Lemforder Corporation'
NAD+SU+202154'
GIS+37'
NAD+ST+ZFIT::92++ZF Lemforder Corporation'
LIN+00020++000 160 020 524:IN'
PIA+1+000 160 020 524:IN+01:EC'
RFF+ON:5500005191'
RFF+AAN:19'
DTM+137:20050422:102'
RFF+AIF:18'
DTM+137:20050414:102'
QTY+48:150:C62'
DTM+50:20050321:102'
RFF+SI:80190989'
QTY+70:1300:C62'
DTM+52:20050321:102'
SCC+1++D'
QTY+1:159:C62'
DTM+2:20050411:102'
SCC+1++D'
QTY+1:750:C62'
DTM+2:20050418:102'
SCC+1++D'
QTY+1:900:C62'
DTM+2:20050425:102'
SCC+1++D'
QTY+1:1350:C62'
DTM+2:20050509:102'
SCC+1++D'
QTY+1:1350:C62'
DTM+2:20050516:102'
SCC+4++D'
QTY+1:4350:C62'
DTM+2:20050523:102'
SCC+4++D'
QTY+1:450:C62'
DTM+2:20050530:102'
SCC+4++D'
QTY+1:6750:C62'
DTM+2:20050620:102'
UNT+47+000000042'
UNZ + 1 + 00000000000023'



DELFOR

Delivery schedule message

Message Status=2

WARNING! This version of the DELFOR is not upward compatible with versions prior to D96B. DELFOR is a message that is sent from a party who is planning the use or consumption of products to a party who has to plan for the supply of the products. The message gives the requirements regarding details for short-term delivery and/or medium to long scheduling for products. The scheduling can be used to authorize manufacturing and or the provision of materials. This is based on the terms and conditions defined in a purchase order or contract.

Heading:

Pos	Tag	Segment Name	Status	Repetition	Notes	Usage
	UNB	INTERCHANGE HEADER	M	1		Used
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use

Detail:

Pos	Tag	Segment Name	Status	Repetition	Notes	Usage
0020	BGM	BEGINNING OF MESSAGE	M	1	N2/0020	Must use
0030	DTM	DATE/TIME/PERIOD	M	10	N2/0030	Must use
0040	FTX	FREE TEXT	O	5	N2/0040	Used
0080		Segment Group 2	C	99	N2/0080	Used
0090	NAD	NAME AND ADDRESS	M	1	N2/0090	Must use

Not Defined:

Pos	Tag	Segment Name	Status	Repetition	Notes	Usage
0190		Segment Group 6	C	9999	N0/0190	Used
0200	GIS	GENERAL INDICATOR	M	1	N0/0200	Must use
0210		Segment Group 7	C	1	N0/0210	Used
0220	NAD	NAME AND ADDRESS	M	1	N0/0220	Must use

Detail:

Pos	Tag	Segment Name	Status	Repetition	Notes	Usage
0370		Segment Group 12	C	9999	N2/0370	Used
0380	LIN	LINE ITEM	M	1	N2/0380	Must use
0390	PIA	ADDITIONAL PRODUCT ID	C	10	N2/0390	Used
0480		Segment Group 13	C	10	N2/0480	Used
0490	RFF	REFERENCE	M	1	N2/0490	Must use
0500	DTM	DATE/TIME/PERIOD	C	1	N2/0500	Used
0540		Segment Group 15	C	10	N2/0540	Used
0550	QTY	QUANTITY	M	1	N2/0550	Must use
0560	DTM	DATE/TIME/PERIOD	C	2	N2/0560	Used
0570		Segment Group 16	C	10	N2/0570	Used
0580	RFF	REFERENCE	M	1	N2/0580	Must use
0590	DTM	DATE/TIME/PERIOD	C	1	N2/0590	Used
0600		Segment Group 17	C	999	N2/0600	Used
0610	SCC	SCHEDULING CONDITIONS	M	1	N2/0610	Must use
0620		Segment Group 18	C	999	N2/0620	Used
0630	QTY	QUANTITY	M	1	N2/0630	Must use
0640	DTM	DATE/TIME/PERIOD	C	2	N2/0640	Used

**Summary:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Notes</u>	<u>Usage</u>
1030	UNT	MESSAGE TRAILER	M	1	N3/1030	Must use
	UNZ	INTERCHANGE TRAILER	M	1		Used

Clarification:

- 1/0010 A service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR. Note: Delivery schedule messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 DELFOR 0052 D 0054 97A 0051 UN
- 2/0020 A segment for unique identification of the Delivery schedule message by means of its name and its number and its function (original, replacement, change).
- 2/0030 The DTM segment shall be specified at least once to identify the Delivery schedule message date. This segment can be included to indicate the beginning and the end date of the schedule.
- 2/0040 A segment with free text in coded or clear form to give further clarification when required. In computer-to-computer exchanges, such text will normally require the receiver to process this segment manually.
- 2/0080 A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.
- 2/0090 A segment for identifying names and addresses and their functions relevant for the whole Delivery schedule. The principal parties for the Delivery schedule message shall be identified. The identification of the recipient of the goods must be given in the NAD segment in the detail section. It is recommended that where possible only the coded form of the party ID should be specified.
- 0/0190 A group of segments providing details on delivery points and products and related information using one or both scheduling methods.
- 0/0200 A segment to indicate which method is used by the relevant processing indicator code.
- 0/0210 A group of segments needed to identify a delivery point and its attached information when the delivery point method is used.
- 0/0220 A segment for identifying the consignee.
- 2/0370 A group of segments providing details of the individual line items for both methods.
- 2/0380 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.
- 2/0390 A segment providing additional product identification.
- 2/0480 A group of segments giving references related to the line item and where necessary, their dates.
- 2/0490 A segment for identifying references to the line item, e.g. a contract and its appropriate line item, original message number, previous message number if different per line item.
- 2/0500 Date/time/period of the reference.
- 2/0540 A group of segments specifying product quantities and associated dates not related to schedules and where relevant, references.
- 2/0550 A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.
- 2/0560 A segment indicating the date/time/period details relating to the quantity.
- 2/0570 A group of segments giving references related to the quantity and where necessary, their date.
- 2/0580 A segment for identifying reference to the quantity, e.g. dispatch advice number.
- 2/0590 Date/time/period of the reference.
- 2/0600 A group of segments specifying the schedule information for the product identified in the LIN segment. With the delivery-point-driven method, this segment group provides the schedule for the identified delivery point and product. With the product-driven method, this segment group can be used to summarize all schedules provided with the subsequent delivery point information given in segment group 22.
- 2/0610 A segment specifying the status of the schedule. Optionally, a delivery pattern can be established, e.g. firm or proposed delivery pattern.
- 2/0620 A group of segments specifying product quantities and associated dates.
- 2/0630 A segment to specify scheduled quantities that may be related to schedule(s) and, or pattern established in the following DTM segment, e.g. delivery quantity for a specified date.
- 2/0640 A segment indicating date/time/period details relating to the given quantity.
- 3/1030 A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.



UNB INTERCHANGE HEADER

Pos:	Max: 1
Mandatory	
Group: N/A	Elements: 11

User Option (Usage): Used

To start, identify and specify an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
UNB010	S001	SYNTAX IDENTIFIER Description: Identification of the agency controlling the syntax and indication of syntax level.	M	Comp		Must use	1
	0001	Syntax identifier Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange. All valid standard codes are used.	M	A	4/4	Used	1
	0002	Syntax version number Description: Version number of the syntax identified in the syntax identifier (0001). All valid standard codes are used.	M	N	1/1	Used	1
UNB020	S002	INTERCHANGE SENDER Description: Identification of the sender of the interchange.	M	Comp		Must use	1
	0004	Sender identification Description: Name or coded representation of the sender of a data interchange. (See ZF Facility DUNS number on Page 4.)	M	AN	1/35	Used	1
	0007	Partner identification code qualifier Description: Qualifier referring to the source of codes for the identifiers of interchanging partners. All valid standard codes are used.	C	AN	1/4	Used	1
	0008	Address for reverse routing Description: Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.	C	AN	1/14	Used	1
UNB030	S003	INTERCHANGE RECIPIENT Description: Identification of the recipient of the interchange.	M	Comp		Must use	1
	0010	Recipient identification Description: Name or coded representation of the recipient of a data interchange.	M	AN	1/35	Used	1
	0007	Partner identification code qualifier Description: Qualifier referring to the source of codes for the identifiers of interchanging partners. All valid standard codes are used.	C	AN	1/4	Used	1
	0014	Routing address Description: Address specified by the recipient of an interchange to be	C	AN	1/14	Used	1



<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
		included by the sender and used by the recipient for routing of received interchanges inside his organization.					
UNB040	S004	DATE/TIME OF PREPARATION Description: Date/time of preparation of the interchange.	M	Comp		Must use	1
	0017	Date of preparation Description: Local date when an interchange or a functional group was prepared, expressed as YYMMDD.	M	N	6/6	Used	1
	0019	Time of preparation Description: Local time of day when an interchange or a functional group was prepared, expressed as HHMM.	M	N	4/4	Used	1
UNB050	0020	INTERCHANGE CONTROL REFERENCE Description: Unique reference assigned by the sender to an interchange.	M	AN	1/14	Must use	1
UNB060	S005	RECIPIENTS REFERENCE PASSWORD Description: Reference or password as agreed between the communicating partners.	C	Comp		Used	1
	0022	Recipient's reference/password Description: Unique references assigned by the recipient to the data interchange or a password to the recipient's system or to a third-party network as specified in the partners interchange agreement.	M	AN	1/14	Used	1
	0025	Recipient's reference/password qualifier Description: Qualifier for the recipient's reference or password. All valid standard codes are used.	C	AN	2/2	Used	1
UNB070	0026	APPLICATION REFERENCE Description: Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.	C	AN	1/14	Used	1
UNB080	0029	PROCESSING PRIORITY CODE Description: Code determined by the sender requesting processing priority for the interchange. All valid standard codes are used.	C	A	1/1	Used	1
UNB090	0031	ACKNOWLEDGEMENT REQUEST Description: Code determined by the sender for acknowledgement of the interchange. All valid standard codes are used.	C	N	1/1	Used	1
UNB100	0032	CUMMUNICATIONS AGREEMENT ID Description: Identification by name or code of the type of agreement under which the interchange takes place.	C	AN	1/35	Used	1
UNB110	0035	TEST INDICATOR Description: Indication that the	C	N	1/1	Used	1



<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
		interchange is a test. All valid standard codes are used.					

Example: UNB+UNOA:2+965061609:01+0123456789+050422:1541+00000000000023++++1'

**UNH****MESSAGE HEADER**

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

To head, identify and specify a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
UNH010	0062	MESSAGE REFERENCE NUMBER Description: Unique message reference assigned by the sender.	M	AN	1/14	Must use	1
UNH020	S009	MESSAGE IDENTIFIER Description: Identification of the type, version, etc. of the message being interchanged.	M	Comp		Must use	1
	0065	Message type identifier Description: Code identifying a type of message and is assigned by its controlling agency.	M	AN	1/6	Must use	1
		Code Name DELFOR Delivery schedule message					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	0052	Message type version number Description: Version number of a message type.	M	AN	1/3	Must use	1
		Code Name D Draft version					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	0054	Message type release number Description: Release number within the current message type version number (0052).	M	AN	1/3	Must use	1
		Code Name 97A Release 1997 - A					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	0051	Controlling agency Description: Code identifying the agency controlling the specification, maintenance and publication of the message type.	M	AN	1/2	Must use	1
		Code Name UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)					

Example: UNH+000000042+DELFOR:D:97A:UN'



BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Must use

To indicate the type and function of a message and to transmit the identifying number.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
BGM010	C002	DOCUMENT/MESSAGE NAME Description: Identification of a type of document/message by code or name. Code preferred.	C	Comp		Used	1
	1001	Document/message name, coded Description: Document/message identifier expressed in code.	C	AN	1/3	Used	1
		<u>Code</u> <u>Name</u> 241 Delivery schedule					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION Description: Identification of a document/message by its number and eventually its version or revision.	C	Comp		Used	1
	1004	Document/message number Description: Reference number assigned to the document/message by the issuer.	C	AN	1/35	Used	1
BGM030	1225	MESSAGE FUNCTION, CODED Description: Code indicating the function of the message.	C	AN	1/3	Used	1
		<u>Code</u> <u>Name</u> 5 Replace					

Example: BGM+241+19+5'

**DTM****DATE/TIME/PERIOD**

Pos: 0030	Max: 10
Mandatory	
Group: N/A	Elements: 1

User Option (Usage): Must use

To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>								
DTM010	C507	DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use	1								
	2005	Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.	M	AN	1/3	Must use	1								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>137</td> <td>Document/message date/time</td> </tr> <tr> <td>158</td> <td>Horizon start date</td> </tr> <tr> <td>159</td> <td>Horizon end date</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	137	Document/message date/time	158	Horizon start date	159	Horizon end date					
<u>Code</u>	<u>Name</u>														
137	Document/message date/time														
158	Horizon start date														
159	Horizon end date														
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>								
	2380	Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.	C	AN	1/35	Used	1								
	2379	Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.	C	AN	1/3	Used	1								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	102	CCYYMMDD									
<u>Code</u>	<u>Name</u>														
102	CCYYMMDD														

Example:

DTM+137:20050422:102'
DTM+158:20050422:102'
DTM+159:20060422:102'

**FTX****FREE TEXT**

Pos: 0040	Max: 5
Optional	
Group: N/A	Elements: 2

User Option (Usage): Used

To provide free-form or coded text information.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
FTX010	4451	TEXT SUBJECT QUALIFIER Description: Code specifying subject of a free text.	M	AN	1/3	Used	1
		Code Name AAI General information					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
FTX040	C108	TEXT LITERAL Description: Free text; one to five lines.	O	Comp		Used	1
	4440	Free text Description: Free text field available to the message sender for information.	M	AN	1/70	Must use	1

Example: FTX+AAI+++FREE TEXT LINE'



Segment Group 2

Pos: 0080	Repeat: 99
Conditional	
Group: 2	Elements: N/A

User Option (Usage): Used

Group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0090	NAD	NAME AND ADDRESS	M	1	Must use

**NAD****NAME AND ADDRESS**

Pos: 0090	Max: 1
Mandatory	
Group: 2	Elements: 3

User Option (Usage): Must use

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
NAD010	3035	PARTY QUALIFIER Description: Code giving specific meaning to a party. Code Name MI Planning schedule/material release issuer SU Supplier	M	AN	1/3	Must use	1
NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.	C	Comp		Used	1
	3039	Party ID identification Description: Code identifying a party involved in a transaction.	M	AN	1/35	Must use	1
	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list. Code Name 92 Assigned by buyer or buyer's agent	C	AN	1/3	Used	1
NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	Comp		Used	1
	3036	Party name Description: Name of a party involved in a transaction.	M	AN	1/35	Must use	1

Comments:

- ZF Partner codes in the NAD020 with the "SU" qualifier. Save this value for the DESADV.
- Specified ZF facility codes in the NAD020 with the "MI" qualifier. Save this value for the DESADV.
LC01 - ZF Lemforder - Brewer, ME
LC03 - ZF Lemforder - Hebron, KY
LC4M - ZF Lemforder Components - Duncan, SC
LC4S - ZF Lemforder Systems – Duncan, SC
LC05 - ZF Lemforder - Lancaster, SC
LC06 - ZF Lemforder - Lapeer, MI
LC08 - ZF Lemforder - Chicago, IL
LC09 – ZF Lemforder – Newton, NC
ZFIM - ZF Marine - Ft. Lauderdale, FL
ZFIC - ZF Industries - Vernon Hills, IL
ZFIT - ZF Industries - Tuscaloosa, AL
(AZFG, ZAGT, ZFIG) - ZF Industries - Gainesville, GA

Example:

NAD+MI+ZFIT::92++ZF Lemforder Corporation'
NAD+SU+202154'



Segment Group 6

Pos: 0190	Repeat: 9999
Conditional	
Group: 6	Elements: N/A

User Option (Usage): Used

Group of segments providing details on delivery points, products and related information using one or both scheduling methods.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0200	GIS	GENERAL INDICATOR	M	1	Must use
0210		Segment Group 7	C	1	Used
0370		Segment Group 12	C	9999	Used



GIS

GENERAL INDICATOR

Pos: 0200	Max: 1
Mandatory	
Group: 6	Elements: 1

User Option (Usage): Must use

To transmit a processing indicator.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
GIS010	C529	PROCESSING INDICATOR Description: Type of process indication.	M	Comp		Must use	1
	7365	Processing indicator, coded Description: Identifies the value to be attributed to indicators required by the processing system.	M	AN	1/3	Must use	1
		Code Name					
		37 Complete information					

Example: GIS+37'



Segment Group 7

Pos: 0210	Repeat: 1
Conditional	
Group: 7	Elements: N/A

User Option (Usage): Used

Group of segments needed to identify a delivery point and its attached information when the delivery point method is used.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0220	NAD	NAME AND ADDRESS	M	1	Must use

**NAD****NAME AND ADDRESS**

Pos: 0220	Max: 1
Mandatory	
Group: 7	Elements: 3

User Option (Usage): Must use

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
NAD010	3035	PARTY QUALIFIER Description: Code giving specific meaning to a party.	M	AN	1/3	Must use	1
		Code Name ST Ship to					
NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.	C	Comp		Used	1
	3039	Party ID identification Description: Code identifying a party involved in a transaction.	M	AN	1/35	Must use	1
	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list.	C	AN	1/3	Used	1
		Code Name 92 Assigned by buyer or buyer's agent					
NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	Comp		Used	1
	3036	Party name Description: Name of a party involved in a transaction.	M	AN	1/35	Must use	1

Comments:

- Specified ZF facility codes in the NAD020 with the "ST" qualifier. Save this value for the DESADV.
 LC01 - ZF Lemforder - Brewer, ME
 LC03 - ZF Lemforder - Hebron, KY
 LC4M - ZF Lemforder Components - Duncan, SC
 LC4S - ZF Lemforder Systems – Duncan, SC
 LC05 - ZF Lemforder - Lancaster, SC
 LC06 - ZF Lemforder - Lapeer, MI
 LC08 - ZF Lemforder - Chicago, IL
 LC09 – ZF Lemforder - Newton, NC
 ZFIM - ZF Marine - Ft. Lauderdale, FL
 ZFIC - ZF Industries - Vernon Hills, IL
 ZFIT - ZF Industries - Tuscaloosa, AL
 (AZFG, ZAGT, ZFIG) - ZF Industries - Gainesville, GA

Example: NAD+ST+ZFIT::92++ZF Lemforder Corporation'



Segment Group 12

Pos: 0370	Repeat: 9999
Conditional	
Group: 12	Elements: N/A

User Option (Usage): Used

Group of segments providing details of the individual line items for both methods.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0380	LIN	LINE ITEM	M	1	Must use
0390	PIA	ADDITIONAL PRODUCT ID	C	10	Used
0480		Segment Group 13	C	10	Used
0540		Segment Group 15	C	10	Used
0600		Segment Group 17	C	999	Used
0680		Segment Group 20	C	99	Used

**LIN****LINE ITEM**

Pos: 0380	Max: 1
Mandatory	
Group: 12	Elements: 2

User Option (Usage): Must use

To identify a line item and configuration.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
LIN010	1082	LINE ITEM NUMBER Description: Serial number designating each separate item within a series of articles. <i>(ZF Line Item Number)</i>	M	AN	1/6	Used	1
LIN030	C212	ITEM NUMBER IDENTIFICATION Description: Goods identification for a specified source.	C	Comp		Used	1
	7140	Item number Description: A number allocated to a group or item. <i>(ZF Item Number)</i>	M	AN	1/35	Used	1
	7143	Item number type, coded Description: Identification of the type of item number.	C	AN	1/3	Used	1
		Code IN		Name Buyer's item number			

Comments:

1. In order to process the DESADV, you need to save the value in the LIN010 Element Tag 1082 (ZF Line Item Number) and the LIN030 Element Tag 7140 (ZF Item Number).

Example: LIN+00020++000 160 020 524:IN'

**PIA****ADDITIONAL PRODUCT ID**

Pos: 0390	Max: 10
Conditional	
Group: 12	Elements: 3

User Option (Usage): Used

To specify additional or substitution item identification codes.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
PIA010	4347	PRODUCT ID FUNCTION QUALIFIER Description: Indication of the function of the product code. Code Name 1 Additional identification	M	AN	1/3	Must use	1
PIA020	C212	ITEM NUMBER IDENTIFICATION Description: Goods identification for a specified source.	M	Comp		Must use	1
	7140	Item number Description: A number allocated to a group or item. (ZF Item Number)	C	AN	1/35	Used	1
	7143	Item number type, coded Description: Identification of the type of item number. Code Name IN Buyer's item number	C	AN	1/3	Used	1
PIA030	C212	ITEM NUMBER IDENTIFICATION Description: Goods identification for a specified source.	C	Comp		Used	1
	7140	Item number Description: A number allocated to a group or item. (ZF Engineering Change Code / Revision Level)	C	AN	1/35	Used	1
	7143	Item number type, coded Description: Identification of the type of item number. Code Name EC Engineering change level	C	AN	1/3	Used	1

Comments:

- In order to process the DESADV, you need to save the value in the PIA030 Element, Tag 7140 (ZF Engineering Change Code / Revision Level). The ZF Engineering Change Code / Revision Level is only used by a few of ZF Plants such as LC08 or ZFIT. If we do not send you a ZF Engineering Change Code, then you do not have to return it on the DESADV.

Example: PIA+1+000 160 020 524:IN+01:EC'



Segment Group 13

Pos: 0480	Repeat: 10
Conditional	
Group: 13	Elements: N/A

User Option (Usage): Used

Group of segments giving references related to the line item and where necessary, their dates.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0490	RFF	REFERENCE	M	1	Must use
0500	DTM	DATE/TIME/PERIOD	C	1	Used

**RFF****REFERENCE**

Pos: 0490	Max: 1
Mandatory	
Group: 13	Elements: 1

User Option (Usage): Must use

To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>								
RFF010	C506	REFERENCE Description: Identification of a reference.	M	Comp		Must use	1								
	1153	Reference qualifier Description: Code giving specific meaning to a reference segment or a reference number.	M	AN	1/3	Must use	1								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>ON</td> <td>Order number (purchase)</td> </tr> <tr> <td>AAN</td> <td>Delivery schedule number</td> </tr> <tr> <td>AIF</td> <td>Previous delivery instruction number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	ON	Order number (purchase)	AAN	Delivery schedule number	AIF	Previous delivery instruction number					
<u>Code</u>	<u>Name</u>														
ON	Order number (purchase)														
AAN	Delivery schedule number														
AIF	Previous delivery instruction number														
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>								
	1154	Reference number Description: Identification number, the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C	AN	1/35	Used	1								

Example:

RFF+ON:5500005191'

RFF+AAN:19'

RFF+AIF:18'

**DTM****DATE/TIME/PERIOD**

Pos: 0500	Max: 1
Conditional	
Group: 13	Elements: 1

User Option (Usage): Used

To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
DTM010	C507	DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use	1
	2005	Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.	M	AN	1/3	Must use	1
		Code Name 137 Document/message date/time					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	2380	Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.	C	AN	1/35	Used	1
	2379	Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.	C	AN	1/3	Used	1
		Code Name 102 CCYYMMDD					

Example:

DTM+137:20050422:102'
DTM+137:20050414:102'



Segment Group 15

Pos: 0540	Repeat: 10
Conditional	
Group: 15	Elements: N/A

User Option (Usage): Used

Group of segments specifying product quantities and associated dates not related to schedules and where relevant, references.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0550	QTY	QUANTITY	M	1	Must use
0560	DTM	DATE/TIME/PERIOD	C	2	Used
0570		Segment Group 16	C	10	Used

**QTY****QUANTITY**

Pos: 0550	Max: 1
Mandatory	
Group: 15	Elements: 1

User Option (Usage): Must use

To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
QTY010	C186	QUANTITY DETAILS Description: Quantity information in a transaction, qualified when relevant.	M	Comp		Must use	1
	6063	Quantity qualifier Description: Code giving specific meaning to a quantity.	M	AN	1/3	Must use	1
		Code Name					
		48 Received quantity					
		57 In transit quantity					
		70 Cumulative quantity received					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	6060	Quantity Description: Numeric value of a quantity.	M	N	1/15	Must use	1
	6411	Measure unit qualifier Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C	AN	1/3	Used	1
		Code Name					
		C62 Each					

Example:

QTY+48:150:C62'

QTY+70:1300:C62'

**DTM****DATE/TIME/PERIOD**

Pos: 0560	Max: 2
Conditional	
Group: 15	Elements: 1

User Option (Usage): Used

To specify date and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>										
DTM010	C507	DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use	1										
	2005	Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.	M	AN	1/3	Must use	1										
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>11</td> <td>Dispatch date and or time</td> </tr> <tr> <td>50</td> <td>Goods receipt date/time</td> </tr> <tr> <td>51</td> <td>Cumulative quantity start date</td> </tr> <tr> <td>52</td> <td>Cumulative quantity end date</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	11	Dispatch date and or time	50	Goods receipt date/time	51	Cumulative quantity start date	52	Cumulative quantity end date					
<u>Code</u>	<u>Name</u>																
11	Dispatch date and or time																
50	Goods receipt date/time																
51	Cumulative quantity start date																
52	Cumulative quantity end date																
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>										
	2380	Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.	C	AN	1/35	Used	1										
	2379	Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.	C	AN	1/3	Used	1										
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	102	CCYYMMDD											
<u>Code</u>	<u>Name</u>																
102	CCYYMMDD																

Example:

DTM+50:20050321:102'
DTM+52:20050321:102'



Segment Group 16

Pos: 0570	Repeat: 10
Conditional	
Group: 16	Elements: N/A

User Option (Usage): Used

Group of segments giving references related to the quantity and where necessary, date.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0580	RFF	REFERENCE	M	1	Must use
0590	DTM	DATE/TIME/PERIOD	C	1	Used

**RFF****REFERENCE**

Pos: 0580	Max: 1
Mandatory	
Group: 16	Elements: 1

User Option (Usage): Must use

To specify a reference.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
RFF010	C506	REFERENCE Description: Identification of a reference.	M	Comp		Must use	1
	1153	Reference qualifier Description: Code giving specific meaning to a reference segment or a reference number.	M	AN	1/3	Must use	1
		Code Name SI SID (Shipper's identifying number for shipment)					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	1154	Reference number Description: Identification number, the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C	AN	1/35	Used	1

Example: RFF+SI:80190989'

**DTM****DATE/TIME/PERIOD**

Pos: 0590	Max: 1
Conditional	
Group: 16	Elements: 1

User Option (Usage): Used

To specify date, and/or time, or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
DTM010	C507	DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use	1
	2005	Date/time/period qualifier Description: Code giving specific meaning to a date, time or period. Code Name 11 Dispatch date and or time	M	AN	1/3	Must use	1
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	2380	Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.	C	AN	1/35	Used	1
	2379	Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period. Code Name 102 CCYYMMDD	C	AN	1/3	Used	1



Segment Group 17

Pos: 0600	Repeat: 999
Conditional	
Group: 17	Elements: N/A

User Option (Usage): Used

Group of segments specifying the schedule information for the product identified in the LIN segment. With the delivery-point-driven method, this segment group provides the schedule for the identified delivery point and product. With the product-driven method, this segment group can be used to summarize all schedules provided with the subsequent delivery point information given in segment group 22.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0610	SCC	SCHEDULING CONDITIONS	M	1	Must use
0620		Segment Group 18	C	999	Used

**SCC****SCHEDULING CONDITIONS**

Pos: 0610	Max: 1
Mandatory	
Group: 17	Elements: 2

User Option (Usage): Must use

To specify scheduling conditions.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
SCC010	4017	DELIVERY PLAN STATUS INDICATOR, CODED Description: Code indicating the level of commitment of schedule information.	M	AN	1/3	Must use	1
		Code Name					
		1 Firm					
		4 Planning/forecast					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
SCC030	C329	PATTERN DESCRIPTION Description: Shipment, delivery or production interval pattern and timing.	C	Comp		Used	1
	2013	Frequency, coded Description: Code specifying interval grouping of the delivery, production, etc. of the schedule.	C	AN	1/3	Used	1
		Code Name					
		D Discrete					
		F Flexible interval (from date X through date Y)					
		M Monthly (calendar months)					
		W Weekly					

Example:

SCC+1++D'
 SCC+1++D'
 SCC+1++D'
 SCC+1++D'
 SCC+1++D'
 SCC+4++D'
 SCC+4++D'
 SCC+4++D'



Segment Group 18

Pos: 0620	Repeat: 999
Conditional	
Group: 18	Elements: N/A

User Option (Usage): Used

Group of segments specifying product quantities and associated dates.

Segment Group Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Repetition</u>	<u>Usage</u>
0630	QTY	QUANTITY	M	1	Must use
0640	DTM	DATE/TIME/PERIOD	C	2	Used

**QTY****QUANTITY**

Pos: 0630	Max: 1
Mandatory	
Group: 18	Elements: 1

User Option (Usage): Must use

To specify a pertinent quantity.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
QTY010	C186	QUANTITY DETAILS Description: Quantity information in a transaction, qualified when relevant.	M	Comp		Must use	1
	6063	Quantity qualifier Description: Code giving specific meaning to a quantity.	M	AN	1/3	Must use	1
		Code Name 1 Discrete quantity					

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	6060	Quantity Description: Numeric value of a quantity.	M	N	1/15	Must use	1
	6411	Measure unit qualifier Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C	AN	1/3	Used	1
		Code Name C62 Each					

Example:

QTY+1:159:C62'
 QTY+1:750:C62'
 QTY+1:900:C62'
 QTY+1:1350:C62'
 QTY+1:1350:C62'
 QTY+1:4350:C62'
 QTY+1:450:C62'
 QTY+1:6750:C62'

**DTM****DATE/TIME/PERIOD**

Pos: 0640	Max: 2
Conditional	
Group: 18	Elements: 1

User Option (Usage): Used

To specify date, and/or time or period.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
DTM010	C507	DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.	M	Comp		Must use	1
	2005	Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.	M	AN	1/3	Must use	1
		Code Name 2 Delivery date/time, requested					
<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
	2380	Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.	C	AN	1/35	Used	1
	2379	Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.	C	AN	1/3	Used	1
		Code Name 102 CCYYMMDD					

Example:

DTM+2:20050411:102'
DTM+2:20050418:102'
DTM+2:20050425:102'
DTM+2:20050509:102'
DTM+2:20050516:102'
DTM+2:20050523:102'
DTM+2:20050530:102'
DTM+2:20050620:102'

**UNT****MESSAGE TRAILER**

Pos: 1030	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

To end and check the completeness of a message.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
UNT010	0074	NUMBER OF SEGMENTS IN A MESSAGE Description: Control count of number of segments in a message.	M	N	1/6	Must use	1
UNT020	0062	MESSAGE REFERENCE NUMBER Description: Unique message reference assigned by the sender.	M	AN	1/14	Must use	1

Example: UNT+47+000000042'



UNZ INTERCHANGE TRAILER

Pos:	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Used

To end and check the completeness of an interchange.

Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Repetition</u>
UNZ010	0036	INTERCHANGE CONTROL COUNT Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange.	M	N	1/6	Must use	1
UNZ020	0020	INTERCHANGE CONTROL REFERENCE Description: Unique reference assigned by the sender to an interchange.	M	AN	1/14	Must use	1

Example: UNZ+1+00000000000023'