

EDI GUIDELINE

for

DELIVERY FORECAST

Message Type	DELFOR
Version	1
Release	921

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DELIVERY FORECAST

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Message Layout Diagram

<u>Section</u>	<u>Segment</u>	<u>Description</u>	<u>Requirement</u>	<u>max.Repeat</u>
H	UNB	Interchange Control Header	M	1
H	UNH	Message Header	M	1
H	BGM	Beginning of Message	M	1
H	DTM	Date/Time/Period	M	1
H	RFF	Reference	C	1
H	NAD	Name and Address	M	3
H	UNS	Section Control	M	1
	<i>Group 1</i>		M	9999
D	LIN	Line Item	M	1
D	PIA	Additional Product ID	R	1
	<i>Group 2</i>		M	999
D	QTY	Quantity	M	1
D	SCC	Scheduling Conditions	M	1
D	DTM	Date/Time/Period	R	2
S	UNS	Section Control	M	1
S	UNT	Message Trailer	M	1
S	UNZ	Interchange Control Trailer	M	1

Explanatory Requirements

M - Mandatory

EDIFACT dictates that the data element or segment must be present.

R – Required

The data element or segment is conditional in EDIFACT, but it is required by AKO

C - Conditional

The data element or segment will be used by AKO, but it's not mandatory

N – Not used

The data element or segment will not be used by AKO

UNB Segment - Interchange Control Header (Header)

**Requirement: M
Max. Repeat : 1**

Purpose: To indicate the beginning of an interchange.

Composite/ Element	Element Description	Req	Data Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
S001	SYNTAX IDENTIFIER	M			
	0001 Syntax identifier	M	AN	1/4	"UNOA" = UN/ECE level A
	0002 Syntax version number	M	N	1/1	"1"
S002	INTERCHANGE SENDER	M			
	0004 Sender identification	M	AN	1/35	DIEHLINF
	0007 Identification code qualifier	C	AN	1/4	
	0008 Address for reverse routing	C	AN	1/14	
S003	INTERCHANGE RECIPIENT	M			
	0010 Recipient identification	M	AN	1/35	
	0007 Identification code qualifier	N	AN	1/4	
	0014 Routing address	N	AN	1/14	
S004	DATE/TIME OF PREPARATION	M			
	0017 Date	M	N	6/6	YYMMDD
	0019 Time	M	N	4/4	HHMM
0020	INTERCHANGE CONTROL REFERENCE	M	N	1/14	
S005	RECIPIENTS REFERENCE, PASSWORD	N			
	0022 Recipients reference, password	N	AN	1/14	
	0025 Recipients reference, password, qualifier	N	AN	2/2	
0026	APPLICATION REFERENCE	R	AN	1/14	"DELFOR"

UNH Segment - Message Header (Header)

Requirement: M
Max. Repeat : 1

Purpose: To indicate the beginning of a message.

Composite/ Element	Element Description	Data Req	Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
0062	MESSAGE REFERENCE NUMBER	M	AN	1/14	
S009	MESSAGE IDENTIFIER	M			
	0065 Message type identifier	M	AN	1/6	"DELFOR"
	0052 Message type version number	M	AN	1/3	"1"
	0054 Message type release number	M	AN	1/3	"921"
	0051 Controlling agency	M	AN	1/2	"UN"
	0057 Association assigned code	R	AN	1/6	"ED3"

BGM Segment - Beginning of Message (Header)

Requirement: M
Max. Repeat : 1

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

Composite/ Element	Element Description	Data Req	Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
C002	DOCUMENT/MESSAGE NAME	M			
	1001 Document/message name, coded	C	AN	3/3	"241" = Delivery Schedule
	1004 DOCUMENT/MESSAGE NUMBER	M	AN	1/35	Reference number
	1225 MESSAGE FUNCTION, CODED	N	N	1/3	

DTM Segment - Date/Time/Period (Header)

**Requirement: M
Max. Repeat : 1**

Purpose: To specify pertinent date, and/or time, or period for the delivery forecast.

Composite/ Element	Element Description	Data Req Type	Data Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
C507	DATE/TIME/PERIOD	M			
	2005	M	AN	1/3	"137" = Document/message date/time
	2380	M	AN	1/35	Delivery forecast date
	2379	M	AN	1/3	"102" = CCYYMMDD

NAD Segment - Name and Address (Header)

**Requirement: M
Max. Repeat : 3**

Purpose: To specify the originating location of a party by extended name and address information.

Composite/ Element	Element Description	Data Req Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
3035	PARTY QUALIFIER	M AN	1/3	"CN" = Delivery Party "BY" = Buyer "SE" = Seller "SU" = Supplier "UC" = Ultimate Consignee
C082	PARTY IDENTIFICATION DETAILS	C		
	3039 Party id identification	M AN	1/17	
	1131 Code list qualifier	N AN	1/3	
	3055 Code list responsible agency, coded	C AN	1/3	"91" = Assigned by seller or seller's agent "92" = Assigned by buyer or buyer's agent
C058	NAME AND ADDRESS	C		
	3124 Name and address line	M AN	1/35	
C080	PARTY NAME	C		
	3036 Party name	M AN	1/35	

CTA Segment - (Header)

**Requirement: C
Max. Repeat : 1**

Purpose: To specify a reference for the contract number of the forecast.

Composite/ Element	Element Description	Data Req Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
	REFERENCE	C		
	3139 Function	M AN	1/3	"CTA" = CONTACT PERSON
C056	3413 Department		AN 1/17	
	3412 Name		AN 1/35	

COM Segment - (Header)

**Requirement: C
Max. Repeat : 1**

Purpose: Communication details

Composite/ Element	Element Description	Data Req Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
	3148	Communiacion number	M AN	1/25
C076	3155	Way of communication	AN	1/3

UNS Segment - Section Control (Header)

**Requirement: M
Max. Repeat : 1**

Purpose: To separate header and detail sections of a message.

0081		SECTION IDENTIFICATION	M AN	1/1	"D" = Header/Detail section seperation
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NAD Segment - Name and Address (Header)

**Requirement: M
Max. Repeat : 3**

Purpose: To specify the originating location of a party by extended name and address information.

Composite/ Element	Element Description	Data Req Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition	
C082		PARTY IDENTIFICATION DETAILS	C		
	3039	Party id identification	M AN	1/17	
	1131	Code list qualifier	N AN	1/3	
	3055	Code list responsible agency, coded	C AN	1/3	"91" = Assigned by seller or seller's agent "92" = Assigned by buyer or buyer's agent
C058		NAME AND ADDRESS	C		
	3124	Name and address line	M AN	1/35	
C080		PARTY NAME	C		
	3036	Party name	M AN	1/35	

LIN Segment - Line Item (Detail)

Requirement: M
Max. Repeat : 1

Purpose: To identify a line item and configuration.

Composite/ Element	Element Description	Data Req	Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
1082	LINE ITEM NUMBER	M	N	1/6	
1229	ACTION REQUEST /NOTIFICATION, CODED	N	AN	1/3	
C212	ITEM NUMBER IDENTIFICATION	M			
	7140 Item number	M	AN	1/35	Part number (Article number)
	7143 Item number type, coded	M	AN	1/3	"VP" = Vendor's (seller's) part number "BP" = Buyer's part number

PIA Segment - Additional Product ID (Detail)

Requirement: R
Max. Repeat : 1

Purpose: To specify additional or substitutional item identification codes.

Composite/ Element	Element Description	Data Req	Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
4347	PRODUCT ID FUNCTION QUALIFIER	M	AN	1/3	"1" = Additional identification
C212	ITEM NUMBER IDENTIFICATION	M			
	7140 Item number	M	AN	1/35	Part number (Article number)
	7143 Item number type, coded	M	AN	1/3	"VP" = Vendor's (seller's) part number "BP" = Buyer's part number

QTY Segment – Quantity (Detail)

Requirement: M
Max. Repeat : 1

Purpose: To specify the forecast quantity for a specific line item in a period.

Composite/ Element	Element Description	Data Req	Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
C186	QUANTITY DETAILS	M			

	6063	Quantity qualifier	M	AN	1/3	"21" = Forecast Quantity
	6060	Quantity	M	N	1/15	Quantity per period
	6411	Measure unit qualifier	C	AN	1/3	"PCE" = Pieces

SCC Segment - Scheduling Conditions (Detail)

Requirement: M
Max. Repeat : 1

Purpose: To specify scheduling conditions.

Composite/ Element	Element Description	Data Req Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
4017	DELIVERY PLAN STATUS INDICATOR, CODED	M AN	1/3	"1" = firm "4" = planning / forecast

DTM Segment - Date/Time/Period (Detail)

Requirement: R
Max. Repeat : 2

Purpose: To specify the earliest/latest forecast delivery date on which requests goods to be delivered.

Composite/ Element	Element Description	Data Req Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
C507	DATE/TIME/PERIOD	C		
	2005 Date/time/period qualifier	M AN	1/3	"158" = Horizon start date "159" = Horizon end date
	2380 Date/time/period	M AN	1/35	forecast delivery date
	2379 Date/time/period format qualifier	M AN	1/3	"102" = CCYYMMDD

UNS Segment - Section Control (Summary)

Requirement: M
Max. Repeat : 1

Purpose: To separate detail and summary sections of a message.

Composite/ Element	Element Description	Req	Data Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
0081	SECTION IDENTIFICATION	M	AN	1/1	"S" = Detail/summary section separation

UNT Segment - Message Trailer (Summary)

Requirement: M
Max. Repeat : 1

Purpose: To end and check the completeness of a message.

Composite/ Element	Element Description	Req	Data Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
0074	NUMBER OF SEGMENTS IN A MESSAGE	M	N	1/6	Number of segments including UNH & UNT
0062	MESSAGE REFERENCE NUMBER	M	AN	1/14	Must be identical to the message reference number in the UNH segment

UNZ Segment - Interchange Control Trailer (Summary)

Requirement: M
Max. Repeat : 1

Purpose: To end and check the completeness of an interchange.

Composite/ Element	Element Description	Req	Data Type	Min/ Max Size	AKO Usage/ Qualifiers/Definition
0036	INTERCHANGE CONTROL COUNT	M	N	1/6	Number of messages in a interchange
0020	INTERCHANGE CONTROL REFERENCE	M	AN	1/14	Must be identical to the interchange control reference in the UNB segment

Example

UNB+UNOA:3+DIEHLINF+ your EDI addr +060704:1639+4++DELFOR'
UNH+00000004000001+DELFOR:1:921:UN:ED3'
BGM+241+1+9'
DTM+137:20060704:102'
NAD+SE+ Supplier-Code::92'
NAD+BY+ Buyer-Code::91'
CTA+IC+TEST(IT)/UBERNAHM'
UNS+D'
NAD+CN+0001+DIEHL AKO STIFTUNG & CO. KG+-WERK WANGEN-+PFANNERSTRASSE
75+WANGEN IM ALLGAU++88239'
LIN+1++000451382-01:BP'
RFF+BO:55014091'
RFF+SH'
QTY+48:0'
DTM+50::102'
QTY+70:0'
QTY+71:336'
QTY+21:112:PCE'
SCC+1'
DTM+158:20060703:102'
DTM+159:20060703:102'
QTY+21:112:PCE'
SCC+1'
DTM+158:20060710:102'
DTM+159:20060710:102'
QTY+21:112:PCE'
SCC+1'
DTM+158:20060718:102'
DTM+159:20060718:102'
UNS+S'
UNT+31+00000004000001'
UNZ+1+4'