

Prepared (also subject responsible if other) JILL SLABY- ESIS INC.		No.		
Approved	Checked	Date 2-JUL-08	Rev 2	Reference

EDI Planning Schedule Interface

Message: DELFOR
Standard: EDIFACT
Version: D.97A

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1 Introduction

1.1 Contacts

Contact persons will be appointed when a new implementation project is started.

If you have questions related to an existing EDI flow, it is suggested that you address them to your normal business contact, who can forward them to the appropriate person/department

1.2 EDI-document

Supports the following EDI-document:

- Standard: UN/EDIFACT
- Document: DELFOR D.97A
- Function: Planning Schedule

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2 Utilization

2.1 Reference

The EDIFICE Implementation Guideline for the DELFOR message.

2.2 Codes

The following codes, aligned with EDIFICE, are used to specify the use of segment groups, segments, components and elements:

M	Mandatory	EDIFACT mandatory
R	Required	Required by business
C	Conditional	Used depending on specified circumstances
O	Optional	
N	Not used	
O..3	Segment/Segment group can occur up to 3 times in a message	
an..6	Alphanumerical, up to 6 characters	
n..3	Numerical, up to 3 digits	
an6	Alphanumerical, always 6 characters	
n3	Numerical, always 3 digit	

2.2.1 Explanation

When an optional segment group is used, the first segment in the group is mandatory, according to EDIFACT rules. Therefore, in the Message Structure Chart, the first segments in each group is indicated with an M.

In the Segment detail section, however, for each segment it is indicated from a business point of view, whether a segment is Required or Optional. Only the EDIFACT mandatory segments UNH, BGM, DTM, and UNT are indicated with an M.

In the Segment Details, variable values are stated in **Bold**

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3 MESSAGE STRUCTURE CHART

Message type: **DELFOR**
Directory: **D97A**

UNH	M1
BGM	M1
DTM	M1

+-----	Segment Group 1	-----	C..10
! RFF	M1		
+-----			

+-----	Segment Group 2	-----	R..99
! NAD	M1		
! +-----	Segment Group 4	-----	C...5
!! CTA	M1		
!! COM	C		
! +-----	Segment Group 5	-----	R1
!! CTA	M1		
!! COM	C5		
+ +-----			

+-----	Segment Group 6	-----	C...9999
! GIS	M1		
! +-----	Segment Group 12	-----	R..9999
!! LIN	M1		
!! PIA	C10		
!! FTX	C5		
!! +-----	Segment Group 13	-----	C..10
!!! RFF	M1		
!!! +-----	Segment Group 15	-----	C...10
!!! QTY	M1		
!!! DTM	C2		
! +-----	Segment Group 17	-----	R..999
!! SCC	M1		
!! +-----	Segment Group 18	-----	C...999
!!! QTY	M1		
!!! DTM	C2		
+ +-----			

UNT	M1
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4 SEGMENT DETAILS

4.1.1 UNH - Message Header (M)

Notes

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Qualifier/Content</u>
0062	MESSAGE REFERENCE NUMBER	M an..14	Message reference number
S009	MESSAGE IDENTIFIER	M	
0065	Message type identifier	M an6	"DELFOR"
0052	Message type version number	M an..3	"D"
0054	Message type release number	M an..3	"97A"
0051	Controlling Agency	M an..3	UN
0057	Association assigned code	C an..6	EDDF04
0068	COMMON ACCESS REFERENCE	O an..35	Idoc number

UNH+00000028600001+DELFOR:D:97A'

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4.1.2 BGM - Beginning of message (M)

Information Order number
Description Unique identification of order created by sender.

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Qualifier/Content</u>
C002	DOCUMENT/MESSAGE NAME	R	
1001	Document name coded	R an..3	"241 Delivery Schedule"
1131	Code List Qualifier		
C106	DOCUMENT/MESSAGE HEADER		
1004	Document number	R an..35	Scheduling Agreement No.
1056	Version	C an..9	
1060	Revision Number	C an..6	
1225	MESSAGE FUNCTION CODE	R an..3	"9" = Original "53" = TEST "1" = Cancel
4343	REPONSE TYPE, CODED	C an...3	

BGM+220+8810131647+9'

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4.1.3 DTM - Date/Time reference (M)

Information Order date
Description Date when this order was created and date of transmission

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C507	DATE/TIME/PERIOD	M	
2005	Date/time/period qualifier	M an..3	"137" = Document/message date/time "21" = Delivery Date "4" = Order date/time "158" = Horizon Start Date "159" = Horizon End Date "243" = Transmission date/time of document
2380	Date/time/period	R an..35	
2379	Date/time/period format qualifier	R an..3	"102" = CCYYMMDD "402" = HHMMSS

Notes:

When C507-2005 = 4, then C507-2379=402

DTM+137:20050928:102'

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4.1.4

SG1 RFF – Reference Segment (C) - Order Type

Information Order Reference
Description To specify a reference.
Notes

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C506	REFERENCE	M	
1153	Reference qualifier	M an..3	"CR" = Customer Reference No "ON" = Order No..
1154	Reference number	R an..35	

RFF+CR: 2371'

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4.1.5 SG2 NAD - Name and address (R) -

Information Heading
Description A segment identifying names and addresses of the parties relevant to the order.

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
3035	PARTY QUALIFIER	M an..3	"BY" = Buyer "AA" = Bill To "SE" = Seller Info "DP" = Ship To
C082	PARTY IDENTIFICATION	R	
3039	Party identification coded	M an..35	Identification
1131	Code list qualifier	N an..3	
3055	Code list responsible agency coded	R an..3	"92" = Code assigned by buyer
C058	NAME AND ADDRESS	C	
3124	Name and Address line	C an..35	
3124	Name and Address line	C an..35	
3124	Name and Address line	C an..35	
C080	PARTY NAME	C	
3036	Party Name	M an..35	Arrow Northern Europe
3036	Party Name	M an..35	
C059	STREET	C	
3042	Street and number/p.o. box	M an..35	
3042	Street and number/p.o. box	C an..35	
3164	CITY NAME	C an..35	
3229	COUNTRY SUB-ENTITY ID	C an..9	
3251	POSTCODE ID	C an..9	
3207	COUNTRY, CODED	C an..3	

NAD+BY+1189::92'

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4.1.6

SG4 CTA - Contact Segment (C)

Information Purchasing Contact
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
3139	CONTACT FUNCTION, CODED	R an..3	"PD" = Purchasing department
C056	PARTY IDENTIFICATION	R	
3413	Department or employee id	O an..17	
3412	Department or employee	R an..35	Contact name

CTA+PD+ :MARIA BROWN'

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4.1.7 SG4 COM – Communication contact (C)

Information Contact phone, fax, and email info
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C076	COMMUNICATION CONTACT	M	
3148	Communication number	M an..512	
3155	Communication channel, qualifier	M an..3	"TE" = Telephone "FX" = Telefax "EM" = Electronic Mail

COM+?+468123456:TE'

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4.1.8

SG6 GIS General Indicator (R)

Information General Indicator
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C529	Processing Indicator	M	
7365	Processing Indicator	M an..3	"ZZZ" Mutually Defined

GIS+ZZZ'

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4.1.9 SG12 LIN - Line item (R)

Information Line item number and part number
Description Incremental counter

Notes

Tag	Element	Format	Content
1082	LINE ITEM NUMBER	R an..6	Line item sequence number
1229	ACTION REQUEST CODE	N	
C212	ITEM NUMBER IDENTIFICATION	R	
7140	Item number	R an..35	part number
7143	Item number type, coded	R an..3	"BP"
1131	Code list qualifier	N	
3055	Code list respons. agency, coded	R an..3	"92" = Assigned by Buyer
C829	Sub-Line Information	C	
5495	Sub-line indicator, coded	C an...3	"1" Sub-line information
1082	Line Item Number	C an...6	
1222	Configuration Coded	C id...2	

LIN+1++194850/1:BP::92'

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4.1.10 SG12 PIA - Additional product ID (C) - Suppliers part No

Information Suppliers part number
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
4347	FUNCTION QUALIFIER	M an..3	"1" = Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	R an..35	Suppliers part number
7143	Item number type, coded	R an..3	"VP" "MP" Manufacturer part number
1131	Code list qualifier	N	
3055	Code list responsible agency, coded	R an..3	"91" = Assigned by Seller "90" = Assigned by Mfg
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	R an..35	Part Revision Level
7143	Item number type, coded	R an..3	"DR" = Drawing Revision

PIA+1+1194850:VP::91'

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4.1.11 SG12 FTX – Free Text

Information Free text to display manufacturer information
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
4451	Text subject qualifier	M an..3	“AAI” = General Information
C108	Text Literal	C	
4440	Free Text	M	Manufacturer’s Name
4440	Free Text	M	Manufacturer’s Number

FTX+AAI+SAMSUNG:0005621

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4.1.12 SG13 RFF – References (C)-

Information Release Information.
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C506	REFERENCE	M	
1153	Reference qualifier	M an..3	"ZZ"
1154	Reference number	R an...35	Number of releases.
1156	Reference number	R an..6	

RFF+ZZ: 3'

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4.1.13 SG15 QTY - Quantity (C)

Information Cumulative Ordered quantity
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C186	QUANTITY DETAILS	M	
6063	Quantity qualifier	M an..3	"71" = Cumulative Quantity Ordered "70" = Cumulative Quantity Received
6060	Quantity	M n..15	Quantity
6411	Measure unit qualifier	R an..3	Measure unit

QTY+71:45:PCE'

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4.1.14 SG15 DTM – Date/Time/Period (C)

Information Delivery date
Description Date on which buyer requests goods to be delivered

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C507	DATE/TIME/PERIOD	M	
2005	Date/time/period qualifier	M an..3	"67" = Delivery Date/time, current schedule "ZZZ" = Mutually Defined
2380	Date/time/period	R an..35	Ordered date, "CCYMMDD"
2379	Date/time/period format qualifier	R an..3	"102" = CCYMMDD

Notes:
When 2005 = ZZZ, then 2380= Reconciliation date of cumulative quantity

DTM+67:20081024:102'

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4.1.15 SG17 SCC – Scheduling conditions (C)

Information Firm delivery
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
4017	DELIVERY PLAN STATUS INDICATOR, CODED	M an..3	"1" = Firm "4" = Planning/Forecast
4493	DELIVERY REQUIREMENTS, CODED	N	
C329 2013	PATTERN DESCRIPTION Frequency, coded	C C an...3	"D" = discrete "W" = Weekly "Y" = Daily "M" = Monthly

SCC+1'

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4.1.16

SG18 QTY - Quantity (C)

Information Deliver quantity
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C186	QUANTITY DETAILS	M	
6063	Quantity qualifier	M an..3	"21" = Ordered Quantity "48"=Received quantity
6060	Quantity	M n..15	Quantity
6411	Measure unit qualifier	R an..3	Measure unit

QTY+131:5:PCE'

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4.1.17 SG18 DTM – Date/Time/Period (R)

Information Delivery date
Description Date on which buyer requests goods to be delivered

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C507	DATE/TIME/PERIOD	M	
2005	Date/time/period qualifier	M an..3	"2" = Delivery Date "158" = Horizon Start Date "159" = Horizon End Date
2380	Date/time/period	R an..35	Delivery date, "CCYMMDD"
2379	Date/time/period format qualifier	R an..3	"102" = CCYMMDD

DTM+158:20081024:102'

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4.1.18 SG19 RFF – References (C)-

Information Release Information.
Description

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
C506	REFERENCE	M	
1153	Reference qualifier	M an..3	"LI" = Line Item Reference Number "AAK" = Despatch Advice "POR" = Purchase Order Response "ZZZ" = Mutually defined
1154	Reference number	R an...35	Notes
1156	Reference number	R an..6	

RFF+AAK:Despatch Advice Required' REF+ZZZ:response required'

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UNT - Message trailer (M)

<u>Tag</u>	<u>Element</u>	<u>Format</u>	<u>Content</u>
0074	NUMBER OF SEGMENTS IN MSG	M n..6	
0062	MESSAGE REFERENCE NUMBER	M an..14	

UNT+21+00000001300001'
