



Planning Schedule (X12 004010 830)

Version 1.2

Sogefi Inc.

Revision History

Revision	Date	Description
1.0	11/21/2012	Created
1.1	03/17/2014	Added SHP and REF segments
1.2	04/04/2017	Corrected the Example for the BFR segment. Corrected the Example for the N1 segment. Corrected the Example for the LIN segment. Corrected the Example for the FST segment. Added Example for the CTT Segment

Header Section:

Pos	Code	Name	Req.	Max. Use	Loop End Pos.
010	ST	Transaction Set Header	M	1	
020	BFR	Beginning Segment for Planning Schedule	M	1	
***	***	N1 LOOP	M	3	030
030	N1	Name	M	1	

Detail Section:

Pos	Code	Name	Req.	Max. Use	Loop End Pos.
***	***	LIN LOOP	M	999999	100
040	LIN	Item Identification	M	1	
050	UIT	Unit Detail	M	1	
060	PID	Product/Item Description	O	1	
070	PO4	Item Physical Details	M	1	
080	REF	Reference Identification	O	2	80
***	***	SDP LOOP	M	260	100
090	SDP	Ship/Delivery Pattern	M	1	
100	FST	Forecast Schedule	M	260	
110	SHP	Shipped/Received Information	M	1	
120	REF	Reference Identification	M	1	

Summary Section:

Pos	Code	Name	Req.	Max. Use	Loop End Pos.
130	CTT	Transaction Totals	M	1	
140	SE	Transaction Set Trailer	M	1	

Segment: ST – Transaction Set Header
Position: 010
Loop Ending Position:
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

Example: ST*830*0001~

Pos	Code	Name	Req.	Type	Length	Comments
ST01	0143	Transaction Set Identifier Code	M	ID	3 / 3	'830' = Release
ST02	0329	Transaction Set Control Number	M	AN	4 / 9	

Segment: BFR – Beginning Segment for Planning Schedule
Position: 020
Loop Ending Position:
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

Example: BFR*05*00011773**DL*R*20170403*20171001*20170331~

Pos	Code	Name	Req.	Type	Length	Comments
BFR01	0353	Transaction Set Purpose Code	M	ID	2 / 2	'05' = Replacement
BFR02	0127	Release Number	M	AN	1 / 30	
BFR03	0328	Reference Number	X	AN	1 / 30	Not Used
BFR04	0675	Schedule Type Qualifier	M	ID	2 / 2	'DL' = Delivery Based
BFR05	0676	Schedule Quantity Qualifier	M	ID	1 / 1	'R' = Replacement Quantities
BFR06	0373	Release Start Date	M	DT	8 / 8	
BFR07	0373	Release End Date	M	DT	8 / 8	
BFR08	0373	Release Generation Date	M	DT	8 / 8	
BFR09	0373	Date	X	DT	6 / 6	Not Used
BFR10	0367	Contract Number	X	AN	1 / 30	Not Used
BFR11	0324	Purchase Order Number	X	AN	1 / 22	Not Used
BFR12	0783	Planning Schedule Type Code	X	ID	2 / 2	Not Used

Segment: N1 – Name
Position: 030
Loop Ending Position: 030
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

Example: N1*BT*SOGEFI*01*012345678~
 N1*ST*SOGEFI*92*012345678~
 N1*VN*ANY COMPANY*92*987654321~

Pos	Code	Name	Req.	Type	Length	Comments
N101	0098	Entity Identifier Code	M	ID	2 / 2	'BT' = Bill To 'ST' = Ship To 'VN' = Vendor Number
N102	0093	Name	M	AN	1 / 35	
N103	0066	Identification Code Qualifier	M	ID	1 / 2	'01' = DUNs Number '09' = DUNs Number + 4 '92' = Assigned by Buyer
N104	0067	Identification Code	M	ID	2 / 17	

Segment: LIN – Item Identification
Position: 040
Loop Ending Position: 100
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

Example: LIN*1*BP*22783104*VP*716330~

Pos	Code	Name	Req.	Type	Length	Comments
LIN01	0350	Assigned Identification	M	AN	1 / 6	
LIN02	0235	Product/Service ID Qualifier	M	ID	2 / 2	‘BP’ = Buyer Part Number
LIN03	0234	Product/Service ID	M	AN	1 / 30	Buyer Part Number
LIN04	0235	Product/Service ID Qualifier	M	ID	2 / 2	‘VP’ = Vendor Part Number
LIN05	0234	Product/Service ID	M	AN	1 / 30	Vendor Part Number

Segment: UIT – Unit Detail
Position: 050
Loop Ending Position:
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

Example: UIT*EA~

Pos	Code	Name	Req.	Type	Length	Comments
UIT01	0355	Unit of Measure Code	M	ID	2 / 2	'EA' = Each 'KG' = Kilogram
UIT02	0212	Unit Price	X	R	1 / 14	Not Used
UIT03	0639	Basis of Unit Price Code	X	ID	2 / 2	Not Used

Segment: PID – PRODUCT/ITEM DESCRIPTION
Position: 060
Loop Ending Position:
Section: Detail
Usage: Optional
Max Use: 1
Notes:

Example: PID*F****THROTTLE BODY ASSY~

Pos	Code	Name	Req.	Type	Length	Comments
PID01	0349	Item Description Type	M	ID	1 / 1	'F' = Free Form
PID02	0750	Product Characteristic Code	X	ID	2 / 3	Not Used
PID03	0559	Agency Qualifier Code	X	ID	2 / 2	Not Used
PID04	0751	Product Description Code	X	AN	1 / 12	Not Used
PID05	0352	Description	M	AN	1 / 80	
PID06	0752	Surface/Layer/Position Code	X	ID	2 / 2	Not Used
PID07	0822	Source Subqualifier	X	AN	1 / 15	Not Used
PID08	1073	Yes/No Response Code	X	ID	1 / 1	Not Used
PID09	0819	Language Code	X	AN	2 / 3	Not Used

Segment: PO4 - ITEM PHYSICAL DETAILS
Position: 070
Loop Ending Position:
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

Example: PO4*120*1*EA*CTN90~

Pos	Code	Name	Req.	Type	Length	Comments
PO401	0356	Pack	M	R	2 / 6	
PO402	0357	Size	M	R	1 / 8	
PO403	0355	Unit Of Measure Code	M	ID	2 / 2	
PO404	0103	Packaging Code	M	ID	3 / 5	'CTN90' = Carton Standard 'CTN89' = Carton Special 'RCK90' = Rack Standard 'RCK89' = Rack Special

Segment: REF - REFERENCE IDENTIFICATION
Position: 080
Loop Ending Position: 080
Section: Detail
Usage: Mandatory
Max Use: 2
Notes:

Example: REF*PO*2012/12100~
REF*DK*120~

Pos	Code	Name	Req.	Type	Length	Comments
REF01	0128	Reference ID Qualifier	M	ID	2 / 3	'PO' = Purchase Order # 'DK' = Dock Number
REF02	0127	Reference ID	M	AN	1 / 30	

Segment: SDP - SHIP/DELIVERY PATTERN
Position: 090
Loop Ending Position: 100
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

Example: SDP*N*F~

Pos	Code	Name	Req.	Type	Length	Comments
SDP01	0678	Delivery Pattern Code	M	ID	1 / 2	'N' = As Directed
SDP02	0679	Delivery Pattern Time Code	M	ID	1 / 1	'F' = As Directed

Segment: FST – Forecast Schedule
Position: 100
Loop Ending Position: 100
Section: Detail
Usage: Mandatory
Max Use: 260
Notes:

Example: FST*10*D*W*20130727*20130727~

Pos	Code	Name	Req.	Type	Length	Comments
FST01	0380	Quantity	M	R	1 / 10	
FST02	0680	Forecast Qualifier	M	ID	1 / 1	‘C’ = Firm ‘D’ = Planning
FST03	0681	Forecast Timing Qualifier	M	ID	1 / 1	‘D’ = Daily ‘W’ = Weekly ‘M’ = Monthly
FST04	0373	Date	M	DT	8 / 8	
FST05	0373	Date	M	DT	8 / 8	
FST06	0374	Date/Time Qualifier	X	ID	3 / 3	Not Used
FST07	0337	Time	X	TM	4 / 4	Not Used
FST08	0128	Reference Number Qualifier	X	ID	2 / 2	Not Used
FST09	127	Reference Number	X	AN	1 / 30	Not Used

Segment: SHP – Shipped/Received Information
Position: 110
Loop Ending Position: 110
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

Example: SHP*02*12720*052*20140407~

Pos	Code	Name	Req.	Type	Length	Comments
SHP01	0673	Quantity Qualifier	M	ID	2 / 3	'02' - Cumulative Quantity
SHP02	0380	Quantity	M	AN	1 / 30	
SHP03	0374	Date/Time Qualifier	M	ID	3 / 3	'052' - Cumulative Quantity End
SHP04	0373	Date	M	DT	8 / 8	
SHP05	0337	Time	X	TM	4 / 8	Not Used
SHP06	0373	Date	X	DT	8 / 8	Not Used
SHP07	0337	Time	X	TM	4 / 8	Not Used

Segment: REF - REFERENCE IDENTIFICATION
Position: 120
Loop Ending Position: 120
Section: Detail
Usage: Mandatory
Max Use: 2
Notes:

Example: REF*SI*0066203~

Pos	Code	Name	Req.	Type	Length	Comments
REF01	0128	Reference ID Qualifier	M	ID	2 / 3	'SI' = Shipper's Identifying Number for Shipment
REF02	0127	Reference ID	M	AN	1 / 30	

Segment: CTT
Position: 130
Loop Ending Position:
Section: Summary/Trailer
Usage: Mandatory
Max Use: 1
Notes:

Example: CTT*2~

Pos	Code	Name	Req.	Type	Length	Comments
CTT01	0354	Number of Line Items	M	N0	1 / 6	Count of Line Items
CTT02	0347	Hash Total	M	R	1 / 10	Not Used
CTT03	0081	Weight	X	R	1 / 8	Not Used
CTT04	0355	Unit of Measurement Code	X	ID	2 / 2	Not Used
CTT05	0183	Volume	X	R	1 / 8	Not Used
CTT06	0355	Unit of Measurement Code	X	ID	2 / 2	Not Used

Segment: SE – Transaction Set Trailer
Position: 140
Loop Ending Position:
Section: Header
Usage: Mandatory
Max Use: 1
Notes:

Example:

Pos	Code	Name	Req.	Type	Length	Comments
SE01	0096	Number of Included Segments	M	N0	1 / 10	
ST02	0329	Transaction Set Control Number	M	AN	4 / 9	Same as ST02

Samples

ST*830*0001~
BFR*05*00006743**DL*R*20130826*20140105*20130823~
N1*VN*VENDOR NAME*01*12456789~
N1*BT*SOGEFI ENG.S. MEXICO*01*8146243180000~
N1*ST*SOGEFI ENG.S. MEXICO*92*8146243180000~
LIN*1*BP*A0420A*VP*A0420A~
UIT*EA~
PID*F****THROTTLE BODY ASSY~
PO4*120*1*EA*CTN90~
REF*PO*2012/77777~
SDP*N*F~
FST*2160*C*D*20130826*20130826~
FST*1080*D*W*20130916*20130922~
FST*1080*D*W*20130930*20131006~
FST*2880*D*M*20131007*20131103~
FST*3360*D*M*20131104*20131201~
FST*3600*D*M*20131202*20140105~
SHP*02*12720*052*20130807~
REF*SI*0066203~ CTT*1~
CTT*1~
SE*21*0001~

ST*830*0001~
BFR*05*00006742**DL*R*20130826*20140105*20130823~
N1*VN*VENDOR NAME*01*12456789~
N1*BT*SOGEFI ENG.S. MEXICO*01*8146243180000~
N1*ST*SOGEFI ENG.S. MEXICO*92*8146243180000~
LIN*1*BP*A0402A*VP*A0402A~
UIT*EA~
PID*F****BLADE-OVERMOLDED~
PO4*200*1*EA*CTN90~
REF*PO*2012/88888~
SDP*N*F~
FST*11200*C*D*20130826*20130826~
FST*11200*D*D*20130902*20130902~
FST*5600*D*W*20130916*20130922~
FST*5600*D*W*20130930*20131006~
FST*22400*D*M*20131007*20131103~
FST*22400*D*M*20131104*20131201~
FST*22400*D*M*20131202*20140105~
SHP*02*12720*052*20130807~
REF*SI*0066203~
LIN*2*BP*A0403A*VP*A0403A~
UIT*EA~
PID*F****BUSHING ASSEMBLIES~
PO4*9100*1*EA*CTN90~
REF*PO*2012/66666~
SDP*N*F~
FST*18200*C*D*20130826*20130826~
FST*18200*D*D*20130902*20130902~
FST*18200*D*W*20130916*20130922~
FST*18200*D*W*20130930*20131006~
FST*36400*D*M*20131007*20131103~
FST*36400*D*M*20131104*20131201~
FST*36400*D*M*20131202*20140105~
SHP*02*12720*052*20130807~
REF*SI*0066203~
LIN*3*BP*A0404A*VP*A0404A~
UIT*EA~
PID*F****BUSHING-LINKAGE SRV SHAFT~
PO4*12000*1*EA*CTN90~
REF*PO*9999/99999~
SDP*N*F~
FST*12000*D*M*20131104*20131201~
FST*12000*D*M*20131202*20140105~
SHP*02*12720*052*20130807~
REF*SI*0066203~
LIN*4*BP*A0422A*VP*A0422A~
UIT*EA~
PID*F****GROMMET~
PO4*1000*1*EA*CTN90~
REF*PO*2012/44444~
SDP*N*F~
FST*4000*D*M*20131007*20131103~

FST*6000*D*M*20131104*20131201~
FST*6000*D*M*20131202*20140105~
SHP*02*12720*052*20130807~
REF*SI*0066203~
CTT*4~
SE*50*0001~

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