



Planning Schedule (X12 004010 830)

Version 1.0

ABC INOAC Exterior Systems, L.L.C.

Revision History

Revision	Date	Description
1.0	8/14/2013	Created

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	4	030
030	N1	Name	M	1	

Detail Section:

Pos	Code	Name	Req.	Max. Use	Loop End Pos.
***	***	LIN LOOP	M	999999	080
040	LIN	Item Identification	M	1	
050	UIT	Unit Detail	M	1	
060	ATH	Resource Authorization	O	3	
***	***	N1 LOOP	O	1	070
070	N1	Name	O	1	
***	***	FST LOOP	M	999999	080
080	FST	Forecast Schedule	M	1	

Summary Section:

Pos	Code	Name	Req.	Max. Use	Loop End Pos.
090	CTT	Transaction Totals	M	1	
100	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**102*SH*C*20100604**20100604~

Pos	Code	Name	Req.	Type	Length	Comments
BFR01	0353	Transaction Set Purpose Code	M	ID	2 / 2	'05' = Replacement
BFR02	0127	Reference Number	X	AN	1 / 30	Not Used
BFR03	0328	Release Number	M	AN	1 / 30	
BFR04	0675	Schedule Type Qualifier	M	ID	2 / 2	'SH' = Shipment Based
BFR05	0676	Schedule Quantity Qualifier	M	ID	1 / 1	'A' = Actual Discrete 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*Sf*TEST COMPANY*92*64339~
 N1*ST*INOAC USA*92*552~

Pos	Code	Name	Req.	Type	Length	Comments
N101	0098	Entity Identifier Code	M	ID	2 / 2	'ST' = Ship To 'SU' = Supplier 'MI' = Material Issuer 'SF' = Ship From
N102	0093	Name	M	AN	1 / 35	Not Used
N103	0066	Identification Code Qualifier	M	ID	1 / 2	'92' = Assigned by Buyer
N104	0067	Identification Code	M	ID	2 / 17	

Segment: LIN – Item Identification
Position: 040
Loop Ending Position: 080
Section: Detail
Usage: Mandatory
Max Use: 1
Notes:

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

LIN*2*BP*22783103*PO*716330*VP*22783104*EC*ORG1*PD*CHMSL RED~

Pos	Code	Name	Req.	Type	Length	Comments
LIN01	0350	Assigned Identification	X	AN	1 / 6	Not Used
LIN02	0235	Product/Service ID Qualifier	M	ID	2 / 2	‘BP’ = Buyer Part Number
LIN03	0234	Product/Service ID	M	AN	1 / 30	
LIN04	0235	Product/Service ID Qualifier	M	ID	2 / 2	‘PO’ = Purchase Order
LIN05	0234	Product/Service ID	M	AN	1 / 30	Purchase Order Number
LIN06	0235	Product/Service ID Qualifier	O	ID	2 / 2	‘VP’ = Vendor Part Number
LIN07	0234	Product/Service ID	O	AN	1 / 30	Vendor Part Number
LIN08	0235	Product/Service ID Qualifier	O	ID	2 / 2	‘EC’ = Revision Level
LIN09	0234	Product/Service ID	O	AN	1 / 30	Revision Level
LIN10	0235	Product/Service ID Qualifier	O	ID	2 / 2	‘PD’ = Part Description
LIN11	0234	Product/Service ID	O	AN	1 / 30	Part Description

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	
UIT02	0212	Unit Price	X	R	1 / 14	Not Used
UIT03	0639	Basis of Unit Price Code	X	ID	2 / 2	Not Used

Segment: ATH – RESOURCE AUTHORIZATION
Position: 060
Loop Ending Position:
Section: Detail
Usage: Optional
Max Use: 3
Notes:

Example: ATH*FI*20130901*100**20130930
 ATH*MT*20131001*200**20131231
 ATH*PQ*20130821*3200

Pos	Code	Name	Req.	Type	Length	Comments
ATH01	0672	Resource Authorization Code	M	ID	2 / 2	‘FI’ = Finished Goods ‘MT’ = Material ‘PQ’ = Prior Cumulative
ATH02	0373	Date	M	DT	8 / 8	Start Date
ATH03	0380	Quantity	M	R	1 / 15	
ATH04	0380	Quantity	O	R	1 / 15	Not Used
ATH05	0373	Date	O	DT	8 / 8	End Date

Segment: N1 – Name
Position: 070
Loop Ending Position: 070
Section: Header
Usage: Optional
Max Use: 1
Notes:

Example: N1*ST*INOAC USA*92*552~

Pos	Code	Name	Req.	Type	Length	Comments
N101	0098	Entity Identifier Code	M	ID	2 / 2	'ST' = Ship To
N102	0093	Name	M	AN	1 / 35	Not Used
N103	0066	Identification Code Qualifier	M	ID	1 / 2	'92' = Assigned by Buyer
N104	0067	Identification Code	M	ID	2 / 17	

Segment: FST – Forecast Schedule
Position: 080
Loop Ending Position:
Section: Detail
Usage: Mandatory
Max Use: 999999
Notes:

Example: FST*10*D*W*20130727**010 ~

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
FST02	0681	Forecast Timing Qualifier	M	ID	1 / 1	‘D’ = Daily ‘W’ = Weekly ‘M’ = Monthly
FST04	0373	Date	M	DT	8 / 8	
FST05	0373	Date	X	DT	8 / 8	Not Used
FST06	0374	Date/Time Qualifier	M	ID	3 / 3	‘002’= Delivery Requested ‘010’ = Requested Ship
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: CTT
Position: 090
Loop Ending Position:
Section: Summary/Trailer
Usage: Mandatory
Max Use: 1
Notes:

Example:

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: 100
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**20130723104139*SH*A*20130530*20140723*20130530~
N1*ST**92*056894041~
N1*SU**92*129617036~
N1*SF**92*129617036~
N1*MI**92*056894041~
LIN**BP*700116*PO*FR62798*VP*22783104*EC*ORG1*PD*CHMSL RED~
UIT*EA~
ATH*PQ*20130529*0~
N1*ST**92*056894041~
FST*10*D*W*20130727**010~
CTT*1~
SE*13*0001~

ST*830*0001~
BFR*05**20130723104139*SH*A*20130530*20140723*20130530~
N1*ST**92*056894041~
N1*SU**92*129617036~
N1*SF**92*129617036~
N1*MI**92*056894041~
LIN**BP*700116*PO*FR62798*VP*22783104*EC*ORG1*PD*CHMSL RED~
UIT*EA~
ATH*FI*20130901*100**20130930~
ATH*MT*20131001*200**20131231~
ATH*PQ*20130529*0~
N1*ST**92*056894041~
FST*10*D*W*20130727**010~
FST*20*D*M*20130803**010~
CTT*1~
SE*16*0001~

ST*830*0001~
BFR*05**20130723104139*SH*A*20130530*20140723*20130530~
N1*ST**92*056894041~
N1*SU**92*129617036~
N1*SF**92*129617036~
N1*MI**92*056894041~
LIN**BP*700116*PO*FR62798*VP*22783104*EC*ORG1*PD*CHMSL RED~
UIT*EA~
ATH*PQ*20130529*0~
N1*ST**92*056894041~
FST*10*D*W*20130727**010~
LIN**BP*700117*PO*FR62798*VP*22783103*EC*ORG1*PD*CHMSL CLEAR~
UIT*EA~
ATH*PQ*20130529*0~
N1*ST**92*056894041~
FST*80*D*D*20130723**010~
LIN**BP*700118*PO*FR62798*VP*22803028*EC*ORG1*PD*CHMSL SMOKE~
UIT*EA~
ATH*PQ*20130529*0~
N1*ST**92*056894041~
FST*70*D*D*20130723**010~
CTT*3~
SE*21*0001~

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