

830 Planning Schedule with Release Capability

Functional Group=**PS**

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BFR	Beginning Segment for Planning Schedule	M	1			Must use
060	PER	Administrative Communications Contact	O	3			Must use
LOOP ID - N1					200		
230	N1	Name	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - LIN					>1		
010	LIN	Item Identification	M	1			Must use
020	UIT	Unit Detail	O	1			Must use
080	PID	Product/Item Description	O	1000			Must use
LOOP ID - FST					>1	N2/410L	
410	FST	Forecast Schedule	O	1		N2/410	Must use
LOOP ID - SHP					25		
470	SHP	Shipped/Received Information	O	1			Must use

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		N3/010	Must use
020	SE	Transaction Set Trailer	M	1			Must use

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		<u>Code</u> <u>Name</u>					
		830 Planning Schedule with Release Capability					
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		<i>Control number assigned by TA (same as SE02)</i>					

BFR Beginning Segment for Planning Schedule

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
BFR01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		05 Replace					
BFR03	328	Release Number	C	AN	1/30	Must use	1
		<i>Documents originating from our RIDE CONTROL and ELASTOMER facilities will use a sequential number starting at 001</i>					
BFR04	675	Schedule Type Qualifier	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		DL Delivery Based					
BFR05	676	Schedule Quantity Qualifier	M	ID	1/1	Must use	1
		<u>Code</u> <u>Name</u>					
		A Actual Discrete Quantities					
BFR06	373	Date	M	DT	8/8	Must use	1
		<i>Date when the forecast horizon begins. Date expressed as CCYYMMDD.</i>					
BFR07	373	Date	O	DT	8/8	Must use	1
		<i>Date when the forecast horizon begins. Date expressed as CCYYMMDD.</i>					
BFR08	373	Date	M	DT	8/8	Must use	1
		<i>Date when the forecast horizon begins. Date expressed as CCYYMMDD.</i>					
BFR11	324	Purchase Order Number	O	AN	1/22	Must use	1
		<i>Tenneco Purchase Order number.</i>					

PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		PL Manufacturing Plant Contact					
PER02	93	Name	O	AN	1/60	Must use	1
		<i>TA plant contact name</i>					
PER03	365	Communication Number Qualifier	C	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		TE Telephone					
PER04	364	Communication Number	C	AN	1/80	Must use	1
		<i>Phone number of plant contact</i>					
PER05	365	Communication Number Qualifier	C	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		FX Facsimile					
PER06	364	Communication Number	C	AN	1/80	Must use	1
		<i>Fax number of plant contact</i>					

Loop N1

Pos: 230	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
230	N1	Name	O	1		Used

Both the 'SF' & 'ST' N1 segments are required.

See "Appendix A" for Plant DUNS Number Cross Reference Table

N1 Name

Pos: 230	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1
		<u>Code</u> <u>Name</u>					
		SF Ship From					
		ST Ship To					
N102	93	Name	C	AN	1/60	Must use	1
		<i>If N101 = "SF", supplier name will be blank</i>					
		<i>If N101 = "ST", TA plant name will be used</i>					
N103	66	Identification Code Qualifier	C	ID	1/2	Must use	1
		<u>Code</u> <u>Name</u>					
		1 D-U-N-S Number, Dun & Bradstreet					
N104	67	Identification Code	C	AN	2/80	Must use	1
		<i>If N101 = "SF", supplier DUNS number will be used.</i>					
		<i>If N101 = "ST", TA plant DUNS number will be used.</i>					

Both the 'SF' & 'ST' N1 segments are required.

See "Appendix A" for Plant DUNS Number Cross Reference Table

Loop LIN

Pos: 010	Repeat: >1
Mandatory	
Loop: LIN	Elements: N/A

User Option (Usage): Must use

To specify basic item identification data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	LIN	Item Identification	M	1		Must use
020	UIT	Unit Detail	O	1		Must use
080	PID	Product/Item Description	O	1000		Must use
410		Loop FST	O		>1	Must use
470		Loop SHP	O		25	Must use

LIN Item Identification

Pos: 010 Max: 1
 Detail - Mandatory
 Loop: LIN Elements: 2

User Option (Usage): Must use

To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		BP Buyer's Part Number					
LIN03	234	Product/Service ID	M	AN	1/48	Must use	1
		<i>TA part number</i>					

UIT Unit Detail

Pos: 020	Max: 1
Detail - Optional	
Loop: LIN	Elements: 1

User Option (Usage): Must use

To specify item unit data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
UIT01	C001	Composite Unit of Measure	M	Comp		Must use	1
	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		EA Each					
		LB Pound					

PID Product/Item Description

Pos: 080	Max: 1000
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
PID01	349	Item Description Type	M	ID	1/1	Must use	1
		<u>Code</u> <u>Name</u>					
		F Free-form					
PID02	352	Description	C	AN	1/80	Must use	1
		<i>Part number description</i>					

Loop FST

Pos: 410	Repeat: >1
Optional	
Loop: FST	Elements: N/A

User Option (Usage): Must use

To specify the forecasted dates and quantities

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
410	FST	Forecast Schedule	O	1		Must use

FST Forecast Schedule

Pos: 410	Max: 1
Detail - Optional	
Loop: FST	Elements: 5

User Option (Usage): Must use

To specify the forecasted dates and quantities

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
FST01	380	Quantity <i>Actual discrete quantity</i>	M	R	1/15	Must use	1
FST02	680	Forecast Qualifier <i>Documents originating from our RIDE CONTROL and ELASTOMER facilities will use both "C" & "D". Documents originating from our EMISSION CONTROL facilities will use only "D"</i>	M	ID	1/1	Must use	1
		Code Name C Firm D Planning					
FST03	681	Forecast Timing Qualifier <i>Documents originating from our RIDE CONTROL and ELASTOMER facilities will use "F", "M", "W" Documents originating from our EMISSION CONTROL facilities will use "M", "W"</i>	M	ID	1/1	Must use	1
		Code Name C Daily F Flexible Interval (from Date X through Date Y) M Monthly Bucket (Calendar Months) W Weekly Bucket (Monday through Sunday)					
FST04	373	Date <i>If FST03 = "M", date will be the first Monday of the month the quantity is due If FST03 = "W", date will be the Monday date of the week the quantity is due If FST03 = "F", date will be the first day of an interval the quantity is due Date expressed as CCYYMMDD.</i>	M	DT	8/8	Must use	1
FST05	373	Date <i>Only used if FST03 = "F", then date will be the last day of the interval the quantity is due. Date expressed as CCYYMMDD.</i>	O	DT	8/8	Must use	1

Loop SHP

Pos: 470	Repeat: 25
Optional	
Loop: SHP	Elements: N/A

User Option (Usage): Must use

To specify shipment and/or receipt information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
470	SHP	Shipped/Received Information	O	1		Must use

SHP Shipped/Received Information

Pos: 470	Max: 1
Detail - Optional	
Loop: SHP	Elements: 4

User Option (Usage): Must use

To specify shipment and/or receipt information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SHP01	673	Quantity Qualifier	O	ID	2/2	Must use	1
		<u>Code</u> <u>Name</u>					
		01 Discrete Quantity					
SHP02	380	Quantity	C	R	1/15	Must use	1
		<i>Quantity last received.</i>					
SHP03	374	Date/Time Qualifier	C	ID	3/3	Must use	1
		<u>Code</u> <u>Name</u>					
		050 Received					
SHP04	373	Date	C	DT	8/8	Must use	1
		<i>Date of last received quantity.</i>					
		<i>Date expressed as CCYYMMDD.</i>					

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
CTT01	354	Number of Line Items <i>Total number of LIN segments.</i>	M	N0	1/6	Must use	1
CTT02	347	Hash Total <i>Total of the FST01 occurrences.</i>	O	R	1/10	Must use	1

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use	1
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1

Control number assigned by TA (same as ST02)

Appendix

All Included Elements in All Included Segments

<u>Id</u>	<u>Elements</u>	<u>Used in Segments</u>
C001	Composite Unit of Measure	UIT
66	Identification Code Qualifier	N1
67	Identification Code	N1
93	Name	N1, PER
96	Number of Included Segments	SE
98	Entity Identifier Code	N1
143	Transaction Set Identifier Code	ST
234	Product/Service ID	LIN
235	Product/Service ID Qualifier	LIN
324	Purchase Order Number	BFR
328	Release Number	BFR
329	Transaction Set Control Number	SE, ST
347	Hash Total	CTT
349	Item Description Type	PID
352	Description	PID
353	Transaction Set Purpose Code	BFR
354	Number of Line Items	CTT
355	Unit or Basis for Measurement Code	UIT
364	Communication Number	PER
365	Communication Number Qualifier	PER
366	Contact Function Code	PER
373	Date	BFR, FST, SHP
374	Date/Time Qualifier	SHP
380	Quantity	FST, SHP
673	Quantity Qualifier	SHP
675	Schedule Type Qualifier	BFR
676	Schedule Quantity Qualifier	BFR
680	Forecast Qualifier	FST
681	Forecast Timing Qualifier	FST