

# **Prestolite Wire LLC**

## **DOCUMENT SPECIFICATIONS**

**X.12 STANDARD - VERSION 4010**

**830 PLANNING SCHEDULE**

## 830 PLANNING SCHEDULE

### SEGMENT: **ISA Interchange Control Header**

Purpose: Starts and identifies an interchange of one or more functional groups and interchange-related control segments.

Field	Element	Name/Usage	Attributes		
ISA01	101	<b>Authorization Info. Qualifier</b> 00 - No Authorization Information Present.	M	ID	02
ISA02	102	<b>Authorization Information</b> Not Used.	M	AN	10
ISA03	103	<b>Security Information Qualifier</b> 00 - No Security Information Present.	M	ID	02
ISA04	104	<b>Security Information</b> Not Used.	M	AN	10
ISA05	105	<b>Interchange ID Qualifier</b> 01 - Duns Number.	M	ID	02
ISA06	106	<b>Interchange Sender ID</b> Defined by Customer.	M	ID	15
ISA07	105	<b>Interchange ID Qualifier</b> 01 - Duns Number	M	ID	15
ISA08	107	<b>Interchange Receiver ID</b> Assigned at Implementation	M	ID	15
ISA09	108	<b>Date</b> Format: YYMMDD	M	DT	06
ISA10	109	<b>Time</b> Format: HHMM	M	TM	04
ISA11	110	<b>Interchange Standards Identifier</b> U - American National Standards Committee X12.	M	ID	01
ISA12	111	<b>Interchange Version ID</b> Determined at Implementation.	M	ID	05
ISA13	112	<b>Interchange Contrtol Number</b> Assigned by Customer.	M	N0	09
ISA14	113	<b>Acknowledgement</b> 0 - No acknowledgement requested. 1 - Interchange acknowledgement requested.	M	ID	01
ISA15	114	<b>Test Indicator</b> T - Test Data P - Production.	M	AN	01
ISA16	115	<b>Sub-element Separator</b>	M	AN	01

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### SEGMENT: **GS** Functional Group Header

Purpose: To indicate the beginning of a functional group and provide control information.

<b>Field</b>	<b>Element</b>	<b>Name/Usage</b>	<b>Attributes</b>
GS01	479	<b>Functional ID</b> PO - Purchase Order	M ID 02/02
GS02	142	<b>Application Sender's Code</b> Defined by Customer.	M ID 02/12
GS03	124	<b>Application Receiver's Code</b> Assigned at Implementation.	M ID 02/12
GS04	29	<b>Data Interchange Date</b> Date Transaction Sets Generated: YYYYMMDD	M DT 08/06
GS05	30	<b>Data Interchange Time</b> 24-hour Clock Time When Transaction Sets Generated: HHMM.	M TM 04/04
GS06	28	<b>Data Interchange Control Number</b> Sequentially Assigned by Customer.	M N0 01/09
GS07	455	<b>Responsible Agency Code</b> X - American National Standards Committee X12	M ID 01/02
GS08	480	<b>Version</b> This Number Refers to X12 Transaction Sets: Positions 1-3 = Major Version Number Positions 4 - 6 = Release Number	M ID 01/12

### SEGMENT: **ST** Transaction Set Header Segment

Purpose: To indicate the start of a transaction set and assign a control number.

<b>Field</b>	<b>Element</b>	<b>Name/Usage</b>	<b>Attributes</b>
ST01	143	<b>Transaction Set ID</b> 830 - Planning Schedule	M ID 03/03
ST02	329	<b>Transaction Set Control Number</b> A Sequential Number Assigned by Customer.	M AN 04/09

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### SEGMENT: **BFR** Beginning segment for Planning schedule

Purpose: Indicates the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates.

Field	Element	Name/Usage	Attributes	qad.inc™ Field
BFR01	353	<b>Transaction Set Purpose Code</b> 05 - Replace	ID M 2/2	
BFR02	127	<b>Reference Number</b> Blank	AN C 1/30	
BFR03	328	<b>Release Number</b> Defined by sender	AN O 1/30	sch_rlse_id
<b>Special Note:</b> <i>Release Number at (BFR03) is unique for each 830. If you receive more than one copies of 830 with SAME release number, accept only the first one and disregard rest as Duplicates.</i>				
BFR04	675	<b>Schedule Type Qualifier</b> DL - Delivery Based	ID M 2/2	
BFR05	676	<b>Schedule Quantity Qualifier</b> A - Discreet Quantities	ID M 1/1	
BFR06	373	<b>Date</b> Forecast Start Date - YYYYMMDD	DT M 8/8	sch_eff_start
BFR07	373	<b>Date</b> Forecast End Date - YYYYMMDD	DT M 8/8	sch_eff_end
BFR08	373	<b>Date</b> Date that Forecast was Generated - YYYYMMDD	DT M 8/8	sch_cr_date
BFR09	373	<b>Date</b> Not Used	DT M 6/6	
BFR10	367	<b>Contract Number</b> Contract Number	AN O 1/30	po_contract
BFR11	324	<b>P.O. Number</b> Purchase Order #	AN O 1/22	po_nbr

### SEGMENT: **N1** - Name

Purpose: Identifies a party by type of organization , name and code.

Field	Element	Name/Usage	Attributes	qad.inc™ Field
N101	98	<b>Entity ID Code</b> ST - Ship To	ID M 2/2	
N102	93	<b>Name</b> Company Name>	AN C 1/35	
N103	66	<b>ID Code Qualifier</b> 92 - Number Assigned by Customer	ID C 1/2	
N104	67	<b>ID Code</b> Number Qualified by N103	ID C 2/17	po_ship > ad_mstr

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### SEGMENT: N3 - Address Information

Purpose: To specify the location of named party.

<u>Field</u>	<u>Element</u>	<u>Name/Usage</u>	<u>Attributes</u>	<u>qad.inc™ Field</u>
N301	166	Address Information	AN M 1/35	

### SEGMENT: N4 - Geographic Location

Purpose: To specify the geographic place of the named party.

<u>Field</u>	<u>Element</u>	<u>Name/Usage</u>	<u>Attributes</u>	<u>qad.inc™ Field</u>
N401	19	City Name	AN X 2/19	
N402	156	State or Province Code	ID O 2/2	
N403	116	Postal Code	ID O 4/9	
N404	26	Country Code	ID O 2/2	

### SEGMENT: LIN Item Identification Detail

Purpose: To specify basic item identification data.

<u>Field</u>	<u>Element</u>	<u>Name/Usage</u>	<u>Attributes</u>	<u>qad.inc Field</u>
LIN01	350	Assigned Identifier P.O. Line Item Number	AN O 1/6	pod_line
LIN02	235	Product/ Service ID Qualifier BP - Buyer's Part	ID O 2/2	
LIN03	234	Product/ Service ID Buyer's Part Number	AN C 1/30	pod_part
LIN04	235	Product/ Service ID Qualifier PO - PO Number	ID O 2/2	
LIN05	234	Product/ Service ID PO number	AN C 1/30	pod_rev

### SEGMENT: UIT Unit Detail

Purpose: To specify item unit data.

<u>Field</u>	<u>Element</u>	<u>Name/Usage</u>	<u>Attributes</u>	<u>qad.inc Field</u>
UIT01	355	Unit of Measure EA - Each	ID M 2/2	

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### SEGMENT: **SDP Ship/Delivery Pattern**

Purpose: Identifies specific ship/delivery requirements.

<u>Field</u>	<u>Element</u>	<u>Name/Usage</u>	<u>Attributes</u>	<u>qad.inc Field</u>
SDP01	678	<b>Ship/Delivery Pattern Code</b> Delivery Pattern Code Identifier	ID M 2/2	sch_sd_pat
SDP02	679	<b>Ship/Delivery Pattern Timing Code</b> Delivery Pattern Timing Code Identifier	ID M 1/1	sch_sd_time

### SEGMENT: **FST Forecast Schedule**

Purpose: To specify the forecasted dates and quantities.

<u>Field</u>	<u>Element</u>	<u>Name/Usage</u>	<u>Attributes</u>	<u>qad.inc Field</u>
FST01	380	<b>Quantity</b> Forecast Quantity	R M 1/10	schd_discr_qty
FST02	680	<b>Forecast Qualifier</b> C - Firm D - Planning	ID M 1/1	schd_fc_qual
FST03	681	<b>Forecast Timing</b> Forecast Timing Qualifier	ID M 1/1	schd_interval
FST04	373	<b>Date</b> Forecast Date - YYMMDD	DT M 8/8	schd_date

### SEGMENT: **SHP Shipped/Received Information**

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
SHP01	673	Quantity Qualifier Code specifying the type of quantity 01 = Discrete or last ship qty in SHP02 02 = Cumulative shipped qty in SHP02	O ID 2/2	
SHP02	380	Quantity Numeric value of quantity Value is a cumulative or discrete quantity as indicated by qualifier in SHP01.	X R 1/15	
SHP03	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Value of "050" indicates Date "Received" Value of "051" indicates "Cumulative Start Date" and is used with SHP segments qualified by SHP01 values of "01" or "02".	X ID 3/3	

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SHP04

373

Date X DT 8/8  
Date expressed as YYMMDD

Value of "600" indicates an "As Of" Date and is used with the SHP segment qualified by a SHP01 value of "64". Indicates the date when the "Past Due" calculation was performed.

Refer to 004010 Data Element Dictionary for acceptable code values.

For "01" as the SHP01 qualifer value, this date indicates the "Received Date" of the "Discrete Quantity" of the individual Shipment identified by this SHP segment.

For "02" as the SHP01 qualifer value, this date indicates the "Start Date" for the current "Cumulative Quantities" being tracked which is the same as the start date when the scheduling agreement became valid.

Used only when SHP01 is "02" to indicate the "Forecast Horizon Start" date.

SHP06

373

Date O DT 8/8  
Date expressed as YYMMDD

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SEGMENT: **REF** Reference Identification

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	M ID 2/3
Code qualifying the Reference Identification			
"SI" indicate to Suppliers a "Shipper Number".			
REF02	127	Reference Identification	X AN 1/30
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Indicate to Suppliers the ASN/Shipper Number.			



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SEGMENT: **CTT Transaction Totals**

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

<b>Field</b>	<b>Element</b>	<b>Name/Usage</b>	<b>Attributes</b>	<b>qad.inc Field</b>
CTT01	354	<b>Number of Line Items</b> Number of Line Items in this Transaction Set.	NO M 1/6	

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### SEGMENT: **SE Transaction Set Trailer Segment**

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments.

Field	Element	Name/Usage	Attributes
SE01	96	<b>Number of Included Segments</b> The Total Number of all Segments in the Transaction Set, including the ST and SE Segments.	M N0 01/06
SE02	329	<b>Transaction Set Control Number</b> This Number Must Match the Transaction Set Control Number in the Transaction Set Header Segment.	M AN 04/09

### SEGMENT: **GE Functional Group Trailer**

Purpose: To indicate the end of a functional group and to provide control information.

Field	Element	Name/Usage	Attributes
GE01	97	<b>Number of Included Transaction Sets</b> Total Number of Transaction Sets Included.	M N0 01/06
GE02	28	<b>Data Interchange Control Number</b> The Data Interchange Control Number Must Match the Same Data Element (GS06 ) in the Functional Group Header Segment.	M N0 01/09

### SEGMENT: **IEA Interchange Control Trailer**

Purpose: To define the end of an interchange of one or more functional groups and interchange related control segments.

Field	Element	Name/Usage	Attributes
IEA01	405	<b>Number of Included Groups</b> A Count of the Number of Functional Groups Included in a Transmission.	M N0 01/05
IEA02	709	<b>Interchange Control Number</b> The Number is Assigned by Customer; Together With Customer ID, it Uniquely Identifies Interchange Data to Supplier.	M N0 09/09