

**Ventra Mechanical**  
**Vendor EDI (830) Material Release (ver.3040)**  
**Programming Specification**

Revised: March 31, 2005

<b>SEGMENT:</b>		<b>GS</b>	Functional Group Header		
Ref. Element	Description	Attributes		Comments	
GS01	479	Functional Identifier	M	2/2	"PS"
GS02	142	Application Sender Code	M	2/12	Trading Partner Code or DUNS Number
GS03	124	Application Receiver Code	M	2/12	Vendor: Trading Partner Code or DUNS Number
GS04	29	Data Interchange Date	M	6/6	DATE (YYMMDD) Created
GS05	30	Data Interchange time	M	4/4	TIME (HHMM) Created
GS06	28	Interchange control number	M	1/9	Start with 1
GS07	455	Responsible Agency	M	1/2	"X"
GS08	480	Version	M	1/12	"003040"

<b>SEGMENT:</b>		<b>GE</b>	Functional Group Trailer		
Ref. Element	Description	Attributes		Comments	
GE01	97	Number of Transaction Sets Included	M	1/6	
GE02	28	Interchange control number	M	1/9	

<b>SEGMENT:</b>		<b>ST</b>	Transaction Set Header		
Ref. Element	Description	Attributes		Comments	
ST01	143	Transaction Set Identifier Code	M	1/12	"830"
ST02	329	Transaction Set control number	M	4/9	Must be unique for loop

<b>SEGMENT:</b>		<b>SE</b>	Transaction Set Trailer		
Ref. Element	Description	Attributes		Comments	
SE01	96	Number of included segments	M	1/10	Includes ST/SE segments
SE02	329	Transaction set control number	M	4/9	Same as ST02

<b>SEGMENT:</b>		<b>BFR</b>	Beginning Segment For Planning Schedule		
Ref. Element	Description	Attributes		Comments	
BFR01	353	Transaction Set Purpose	M	2/2	"00" for Original "01" for Cancel "05" for Replace
BFR02	127	Reference	O	1/30	
BFR03	328	Release Number	O	1/30	(9999)
BFR04	675	Schedule Type	M	2/2	"DL"
BFR05	676	Schedule Quantity Qualifier	M	1/1	"A"
BFR06	373	Date	M	6/6	Schedule Date (PO# Date)
BFR07	373	Date	O	6/6	Not used
BFR08	373	Date	M	6/6	Transaction Date
BFR09	373	Date	O	6/6	Not used
BFR10	367	Contract Number	O	1/30	
BFR11	324	Purchase Order Number	M	6/6	Format: 999999
BFR12	783	Planning Schedule Type Code	O	2/2	
BFR13	306	Action Code	O	1/2	

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<b>SEGMENT:</b>		<b>NTE</b>	Note/Special Instructions		
Ref. Element	Description	Attributes		Comments	
NTE01	363	Note/Reference Code	O	3/3	"GEN"
NTE02	3	Free Form Message	M	1/60	End Of Form Message for Blanket PO Header

<b>SEGMENT:</b>		<b>N1</b>	Name		
Ref. Element	Description	Attributes		Comments	
N101	98	Entity Identifier Code	M	2/2	"ST" (Buyer) Ship To Destination "SU" (Seller) Supplier
N102	93	Name	O	1/35	
N103	66	Identification Code Qualifier	M	1	"1" DUNS Number "92" Assigned by Buyer
N104	67	Identification Code	M	2/17	Entity Code

<b>SEGMENT:</b>		<b>LIN</b>	Item Identification		
Ref. Element	Description	Attributes		Comments	
LIN01	350	Assigned Identification	M	1/11	Release Line Item
LIN02	235	Product/Service ID Qualifier	M	2/2	"BP" - Buyer's Part
LIN03	234	Product/Service ID	M	1/30	Buyer's Part Number
LIN04	235	Product/Service ID Qualifier	M	2/2	"RN" - Release Number
LIN05	234	Product/Service ID	M	1/30	Release Number
LIN06	235	Product/Service ID Qualifier	M	2/2	"PD" - Part Description
LIN07	234	Product/Service ID	M	1/30	Part Description

<b>SEGMENT:</b>		<b>NTE</b>	Note/Special Instructions		
Ref. Element	Description	Attributes		Comments	
NTE01	363	Note/Reference Code	O	3/3	"GEN"
NTE02	3	Free Form Message	M	1/60	Detail Line Messages

<b>SEGMENT:</b>		<b>UIT</b>	Unit Detail		
Ref. Element	Description	Attributes		Comments	
UIT01	355	Unit or Basis for Measurement	M	2/2	Unit of measure

<b>SEGMENT:</b>		<b>PID</b>	Product/Item Description		
Ref. Element	Description	Attributes		Comments	
PID01	349	Item Description Type	M	1/1	"F" Free Form
PID02	750	Product/Process Characteristic Code	O	2/3	Not Used
PID03	559	Agency Qualifier Code	O	2/2	Not Used
PID04	751	Product Description Code	O	1/12	Not Used
PID05	352	Description	M	1/80	Item Specifications

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<b>SEGMENT:</b>		<b>ATH</b>	Resource Authorization		
Ref. Element	Description	Attributes		Comments	
ATH01	672	Resource Authorization Code	M	2/2	"FI" Finished "MT" Material "PQ" Prior Cumulative Quantity (Required)
ATH02	373	Date	M	6/6	Authorization Date
ATH03	380	Quantity	M	1/15	Authorization Quantity
ATH04	380	Quantity	O	1/15	
ATH05	373	Date	O	6/6	Cumulative Start Date

<b>SEGMENT:</b>		<b>SDP</b>	Ship/Delivery Pattern		
Ref. Element	Description	Attributes		Comments	
SDP01	678	Ship/Delivery or Calendar Pattern Code	M	1/2	"N" As Directed
SDP02	679	Ship/Delivery Pattern time code	M	1/2	"F" As Directed

<b>SEGMENT:</b>		<b>FST</b>	Forecast Schedule		
Ref. Element	Description	Attributes		Comments	
FST01	380	Quantity	M	1/15	Discrete (Net) Quantity
FST02	680	Forecast Qualifier	M	1/1	"C" Firm "D" Planning
FST03	681	Forecast Timing Qualifier	M	1/1	"D" Daily "W" Weekly "M" Monthly "F" Flex
FST04	373	Date	M	6/6	YYMMDD Delivery Date

<b>SEGMENT:</b>		<b>SHP</b>	Ship/Received Information		
Ref. Element	Description	Attributes		Comments	
SHP01	673	Quantity Qualifier	M	2/2	"01" Discrete "02" Cumulative Quantity Received
SHP02	380	Quantity	M	1/15	Quantity Per Last Receipt
SHP03	374	Date/Time Qualifier	M	3/3	"050" Received quantity
SHP04	373	Date	O	6/6	Last Received Date

<b>SEGMENT:</b>		<b>REF</b>	Reference Numbers		
Ref. Element	Description	Attributes		Comments	
REF01	128	Reference Number Qualifier	M	2/2	"SI" (SID) Shipper Number
REF02	127	Reference Number	M	1/30	Shipper Number

<b>SEGMENT:</b>		<b>CTT</b>	Transaction Totals		
Ref. Element	Description	Attributes		Comments	
CTT01	354	Number of Line Items	M	1/6	Total LIN Segments
CTT02	347	Hash Total Example: 100 250 1800 ---- 2150	M	1/10	Truncated total of FST01 Segments