Paulstra, CRC

**EDI
IMPLEMENTATION
GUIDE**

**PLANNING SCHEDULE (PS830)
VERSION: ANSI X12 003060**

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Introduction
Using Electronic Data Interchange (EDI)

Overview

1. Paulstra CRC, Inc. (Paulstra) sends and receives EDI transactions via the GXS Advantis Value Added Network.

2. The supplier receives the Weekly Release (ANSI 830) via EDI. The Weekly Release is used as a firm and/or forecast document that provides information by part number. It contains requirements formatted into daily, weekly, or monthly buckets. The supplier uses the information from the weekly release to print the required shipping labels. These labels are affixed to the part containers in accordance with Paulstra's packaging guidelines. The production requirements are also to be used as shipment authorization. Using information from the Weekly Release, the supplier prints the required labels.

3. The supplier shall create a unique shipment identification number (SID) for each shipment. The SID number should not be repeated within one year.

4. A packing list and/or bill of lading clearly identifying the SID number shall be sent with every shipment.

5. As the truck is unloaded, the barcodes are scanned from the customer shipping labels. The part number, quantity, and purchase order number from the labels are used for receiving into the purchasing system. Paulstra utilizes a cascading release system. Receiving quantities will be applied to the oldest purchase order releases first.

Key Contacts

To obtain answers to questions regarding Paulstra's EDI procedures please use the following guidelines:

Situation	Contact
- need an account - info on hardware/software options	GXS Advantis 1-877-326-6426
Software startup and function questions	Your software provider
	Maintenance windows are scheduled as needed, primarily during early Sunday morning hours to provide minimal impact.
	Paulstra Supplier EDI technical contact Doug Mauk – 616-233-8225 doug.mauk@paulstra.com Non-technical support – please contact your buyer

.

Implementation Steps

Overview
To implement EDI with Paulstra, follow these steps:

1. Contact GXS Advantis for general assistance and to establish mailbox.

2. Choose software path.

3. Complete the Paulstra supplier testing process.

4. Call your Paulstra contact to go live, communicating with Paulstra using EDI.

GXS Advantis Network

GXS Advantis is Paulstra's exclusive Value Added Network. **GXS Advantis Customer Enabling Center (CES)** may be reached at **(US) 1-877-326-6426** for new suppliers needing assistance or a solution to a problem with any of the following:
• General EDI Information
• Network account set up
• Network connectivity
• Customer support.

Paulstra Trading Partner File Information

Paulstra -- EDI Set-up

Before transmitting EDI data, Paulstra must create a trading partner within Paulstra's systems. Paulstra Purchasing representatives will work with Paulstra Suppliers to perform this set-up. During set-up, a Paulstra EDI analyst will contact you to clarify the following information. This information may be obtained from your software provider.

		ASCII	EBCDIC
Example: Information	Character	Hex	Hex
1) Element Delimiter	*	2A	5C
2) Sub-element Delimiter	:	3E	7A
3) Segment Terminator	unprintable	15	15

4) If you are not familiar with your company's 9-digit Duns number, please contact your accounting department for this information or contact Dun & Bradstreet directly at:

1-800-999-3867 (US)

1-800-463-6362 (Canada)

5) Paulstra's Duns numbers:

006015382 = Paulstra Grand Rapids location

186318176 = Paulstra Cadillac location

Paulstra transmits the data according to the above parameters.

Paulstra Interchange ID's

Interchange Control Header (ISA) ID:

ZZ   PAUL   PAULSA5   (** note that there are three (3) spaces between PAUL   PAULSA5)

Group Control Header (GS) ID:

PAUL   PAULSA5   (** note that there are three (3) spaces between PAUL   PAULSA5)

Non-compliance

In the event that a supplier is not able to comply with these requirements, the supplier should contact Paulstra Purchasing for an alternative.

Standard Specification Information

The following Standard Specifications consist of two sections:

1. The first section is an overview of the standard. It includes segment information as well as a visual depiction of the looping functionality.

Note

The Ref. Des. for the first segment in a loop is also used for that corresponding loop.

2. The second section is the detailed specifications of the standard. The attributes columns within this second section are explained as follows:

• The first column:

M = Mandatory

O = Optional
X = Conditional
• The second column:
ID = Identifier (a unique value from a predefined list from ANSI)
DT = Date
TM = Time
AN = Alphanumeric
R = Numeric with a variable decimal place
Nx = Numeric with "x" decimal places
• The third column: x/y, where
x = the minimum number of digits for this element and
y = the maximum number of digits for this element.

Interchange Control Structures (ICS)

ICS Description
Standard Covered Interchange Control Structures, abbreviated "ICS".

Application Standards and Conventions
Interchange Control Structures are based upon *ANSI ASC X12 Interchange Control Version Number 00300.*

Mapping A list of the Interchange Control Structures business data elements and how they will be transmitted via EDI Standards is provided in the Standard Specifications section.

Exceptions / Clarifications
There are no exceptions to ANSI Standards in this Standard Description.

Schedule N/A

Specifications N/A

Back-Up Procedure N/A

Business Purpose
The Interchange Control Structures are designed to satisfy the basic requirements for enveloping and routing of electronic business data.

Standard Specifications

Segment: **ISA** **Interchange Control Header**
Loop:
Level:
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ISA01	I01	Authorization Information Qualifier	M ID 2/2

Valid codes listed below:
00 No Authorization Information Present (No Meaningful Information in I02)

Must Use	ISA02	I02	Authorization Information	M AN 10/10

Paulstra does not use this field. 10 empty spaces (or zeros) must be entered here as the ISA segment is space sensitive.

Must Use	ISA03	I03	Security Information Qualifier	M ID 2/2

Valid codes listed below:
00 No Security Information Present (No Meaningful Information in I04)

Must Use	ISA04	I04	Security Information	M AN 10/10

Paulstra does not use this field. 10 empty spaces (or zeros) must be entered here as the ISA segment is space sensitive.

Must Use	ISA05	I05	Interchange ID Qualifier	M ID 2/2

Any valid ANSI code.
Most common codes listed below:
01 Duns (Dun & Bradstreet)
ZZ Mutually Defined

Must Use	ISA06	I06	Interchange Sender ID	M AN 15/15

This is the sender's ID and should be formatted based on ISA05.

Must Use	ISA07	I05	Interchange ID Qualifier	M ID 2/2

Any valid ANSI code.
Most common codes listed below:
01 Duns (Dun & Bradstreet)
ZZ Mutually Defined

Must Use	ISA08	I07	Interchange Receiver ID	M AN 15/15

This is the sender's ID and should be formatted based on ISA05.

Must Use	ISA09	I08	Interchange Date	M DT 6/6

Date expressed as YYMMDD

Must Use	ISA10	I09	Interchange Time	M TM 4/4

Time expressed in 24-hour clock time as HHMM

Must Use	ISA11	I10	Interchange Control Standards Identifier	M ID 1/1

Valid codes listed below:
U U.S. EDI Community of ASC X12, TDCC, and UCS

	Ref. Des.	Data Element	Name	Attributes
Must Use	ISA12	I11	**Interchange Control Version Number**	**M ID 5/5**

Valid codes listed below:
00300 Standard Issued as ANSI X12.5-1997

Must Use	ISA13	I12	**Interchange Control Number**	**M N0 9/9**

A control number assigned by the interchange sender

Must Use	ISA14	I13	**Acknowledgment Requested**	**M ID 1/1**

Valid codes listed below:
0 No Acknowledgment Requested

Must Use	ISA15	I14	**Usage Indicator**	**M ID 1/1**

Valid codes listed below:
P Production Data
T Test Data

Must Use	ISA16	I15	**Component Element Separator**	**M AN 1/1**

The component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator.

Segment: GS Functional Group Header
Loop:
Level:
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	GS01	479	**Functional Identifier Code**	**M ID 2/2**

Valid codes listed below:
AG Application Advice (824)
FA Functional Acknowledgment (997)
PS Planning Schedule with Release Capability (830)
SH Ship Notice/Manifest (856)

Must Use	GS02	142	**Application Sender's Code**	**AN 2/15**

Code identifying party sending the transmission, agreed to by trading partners.

Must Use	GS03	124	**Application Receiver's Code**	**M AN 2/15**

Code identifying party receiving the transmission, agreed to by trading partners.

Must Use	GS04	373	**Date**	**M DT 6/6**

Date expressed as YYMMDD

Must Use	GS05	337	**Time**	**M TM 4/4**

Time expressed in 24-hour clock time as HHMM

Must Use	GS06	28	**Group Control Number**	**M N0 1/9**

Assigned number originated and maintained by the sender

	Ref. Des.	Data Element	Name	Attributes

Must Use   **GS07**   **455**   **Responsible Agency Code**   **M ID 1/2**
Code used in conjunction with Data Element GS08 to identify the issuer of the standard. Valid codes listed below:
X Accredited Standards Committee X12

Must Use   **GS08**   **480**   **Version / Release / Industry**
                                           Identifier Code   **M AN 1/12**
This code indicates the version, release and sub release of the EDI standard being used, including the GS and GE
segments. Positions 1-3 are the version number; positions 4-6 are the release and sub release, level of the version.
Valid codes listed below:
003060 Draft Standards Approved for Publication by ASC X12.

Segment: **GE** Functional Group Trailer

Position: 030
Loop:
Level:
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**GE01**	**97**	**Number of Transaction Sets Included**	**M N0 1/6**

Total number of transaction sets included in the functional group or interchange (transmission) group terminated by
the trailer containing this data element.

Must Use	**GE02**	**28**	**Group Control Number**	**M N0 1/9**

Assigned number originated and maintained by the sender

Segment: **IEA** Interchange Control Trailer

Loop:
Level:
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**IEA01**	**I16**	**Number of Included Functional Groups**	**M N0 1/5**

A count of the number of functional groups included in an interchange

Must Use	**IEA02**	**I12**	**Interchange Control Number**	**M N0 9/9**

A control number assigned by the interchange sender

Operating Procedures

In order for Paulstra to successfully receive data from a supplier the ICS must be correct. The supplier
needs to ensure that their ISA and GS information is populated correctly when they are sending data to
Paulstra.

Weekly Release (830)

Transaction Description

Transaction Covered

Planning Schedule with Shipping Schedule -- or Weekly Release (Transaction Set 830), abbreviated "PS".

Application Standards and Conventions

The 830 set is based upon the *ANSI ASC X12 Version Release 003060* document.

Mapping A list of the Weekly Release business data elements and how they are transmitted via EDI Standards is provided in the Transaction Specifications section.

Exceptions / Clarifications There are no Exceptions to ANSI Standards in this Transaction Description.

Schedule Weekly Release is transmitted once every seven calendar days.

Back-Up Procedure In the event of a failure of Electronic Data Interchange, it is the responsibility of the sending party to transmit the contents of any pending transmission to the receiving party using a method of non-EDI transmission which is timely, reasonable, and appropriate under the circumstances.

Business Purpose

The Paulstra Weekly Release (ANSI 830) transaction set is used as a ship schedule and forecast document that provides information by part number.
• Forecast information and quantities are subject to change or cancellation by Paulstra.
• Paulstra will use the 830 as both weekly shipping requirements and weekly production forecast:

1. Weekly shipping requirements
- **Those weekly buckets having a value of 'C' in the FST02 segment should be used by the supplier as shipment authorization.**
- **Suppliers should ship to these quantities unless notified by Paulstra by other means**.

2. Production Forecast
- Those Weekly buckets having a value of 'D' in the FST02 segment should be viewed by the supplier as forecasts for planning purposes only.
- Will be used to provide anticipated production quantities. Suppliers should use this data for material, production and capacity planning.
- Provides information by part number for a horizon period determined by the Paulstra analyst. The forecast horizon period will normally be between 12 – 20 weeks. The horizon period will not exceed 99 weeks.

Transaction Specifications

Looping Structure

Functional Group ID – PS

Heading:

	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
Must Use	ST	Transaction Set Header	M	1	
Must Use	BFR	Beginning Segment	M	1	
		Begin Loop ID – N1			1
Must Use	N1	Paulstra Ordering Location	M	1	
		End Loop ID – N1			
		Begin Loop ID – N1			1
Must Use	N1	Supplier Information	M	1	
		End Loop ID – N1			
		Begin Loop ID – N1			1
Must Use	N1	Ship To Location	M	1	
		End Loop ID – N1			

Detail:

	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
		Begin Loop ID – LIN			>1
Must Use	LIN	Item Identification	M	1	
Must Use	UIT	Unit Detail	M	1	
		Begin Loop ID – ATH			>1
	ATH	Resource Authorization	O	1	
		End Loop ID – ATH			
		Begin Loop ID – FST			>1
Must Use	FST	Forecast Schedule	M	1	
		End Loop ID – FST			
		Begin Loop ID – SHP			>1
	SHP	Shipped/Received Information	O	1	
	REF	Reference Information	O	1	
		End Loop ID – SHP			
		End Loop ID – LIN			

Summary:

	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
Must Use	CTT	Transaction Totals	M	1	
Must Use	SE	Transaction Set Trailer	M	1	

Segment: ST Transaction Set Header

Loop:

Level: Heading
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**

Valid codes are listed below
830 Planning Schedule with Shipping Schedule

	Ref. Des.	Data Element	Name	Attributes
Must Use	**ST02**	**329**	**Transaction Set Control Number**	**M AN 4/9**

This number will be unique (within a transaction set) and ascending. It may be sequential.

Segment: BFR **Beginning Segment for Planning Schedule**
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BFR01	353	**Transaction Set Purpose Code**	**M ID 2/2**

Valid codes listed below
05 Replace – Paulstra will always send 830s as replacement documents.

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BFR02**	**127**	**Reference Identification**	**M AN 1/14**

The release number links all line items (LIN loops) on this 830 together.

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BFR04**	**675**	**Schedule Type Qualifier**	**M ID 2/2**

Valid codes listed below
SH – Schedule is requested ship date based
DL – schedule is required delivery date based
The qualifier will be used for all 830's.

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BFR05**	**676**	**Schedule Quantity Qualifier**	**M ID 1/1**

Valid codes listed below
A – Actual delivery quantities

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BFR06**	**373**	**Forecast Start Date**	**M DT 6/6**

Date expressed as YYMMDD

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BFR07**	**373**	**Forecast End Date**	**M DT 6/6**

Date expressed as YYMMDD

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BFR08**	**373**	**Date Generated**	**M DT 6/6**

Date expressed as YYMMDD

Segment: N1 **Paulstra Ordering Plant Location**
Loop: N1 Mandatory
Level: Heading

Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Plant Name Qualifier**	**M ID 2/2**

Valid codes listed below
MI Material Issuer

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Paulstra Plant ID Qualifier**	**M ID 1/2**

Valid codes listed below
1 Duns

	Ref. Des.	Data Element	Name	Attributes
Must Use	N104	67	**Paulstra Plant ID**	**M AN 1/17**

This is the Paulstra code number for the plant issuing the material (May not be an all-inclusive list).
006015382 = Paulstra Grand Rapids location
186318176 = Paulstra Cadillac location

Segment: **N1** Supplier Information

Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Supplier Identifier Code**	**M ID 2/2**

Valid codes listed below
SU Supplier/Manufacturer

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Supplier Identification Code Qualifier**	**M ID 1/2**

Valid codes listed below
1 Duns

	Ref. Des.	Data Element	Name	Attributes
Must Use	N104	67	**Supplier Number**	**M AN 1/17**

A 1 to 17 character code supplied by Paulstra to identify a specific supplier.

Segment: **N1** Ship To Location

Loop: N1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	**M ID 2/2**

Valid codes are listed below
ST Ship To

	Ref. Des.	Data Element	Name	Attributes
Must Use	N102	93	**Ship To Name**	**M AN 1/35**

Must Use   **N103**   **66**   **Ship To Code Qualifier**   **M ID 1/2**
Valid Code Listed Below
1 Duns

Must Use   **N104**   **67**   **Ship To Code**   **M AN 2/8**
This is the code assigned by Paulstra for this ship to location

Segment: **LIN** Item Identification

Loop: LIN Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LIN02	235	**Mfg Part Number Qualifier**	M ID 2/2

Valid codes listed below
BP Buyer's Part Number

	Ref. Des.	Data Element	Name	Attributes
Must Use	LIN03	234	**Mfg Part Number**	M AN 1/15

	Ref. Des.	Data Element	Name	Attributes
Must Use	LIN04	235	**Purchase Order Qualifier**	M ID 2/2

Valid codes listed below
PO Purchase Order

	Ref. Des.	Data Element	Name	Attributes
Must Use	LIN05	234	**Purchase Order**	M AN 1/30

The purchase order number is currently 7 characters in length.

Segment: **UIT** Unit Detail

Loop: LIN Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	UIT01	355	**Unit or Basis for Measurement Code**	M ID 2/2

Refer to ANSI guidelines for a list of valid codes

Segment: **ATH** Resource Authorization

Loop: LIN Optional
Level: Detail
Usage: Optional
Max Use: 3
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ATH01	672	**Resource Authorization Code**	M ID 2/2

Code identifying the resource which the buyer is authorizing the seller to commit to.

Valid codes are listed below:
FT Finished (Labor, Material, and Overhead/Burden)
MT Material

Must Use	**ATH02 373**	**Date**		**M DT 6/6**

Date that quantity is calculated through.

Must Use	**ATH03 380**	**Quantity**		**M R 1/15**

Cumulative quantity for resource authorization code.

Must Use	**ATH05 373**	**Date**		**M DT 6/6**

This is the start date for cumulative quantity.

Segment: FST Forecast Schedule

Loop: FST Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**FST01**	**380**	**Quantity**	**M R 1/15**

This is the actual quantity due.

Must Use	**FST02**	**680**	**Forecast Qualifier**	**M ID 1/1**

Valid codes are listed below. Only one Forecast Qualifier can be used per time bucket.
C Firm
- Supplier should use these as shipping schedules
D Planning
- This will be a forecast of projected future demand.

Must Use	**FST03**	**681**	**Forecast Timing Qualifier**	**M ID 1/1**

Valid codes are listed below:
D Daily
W Weekly Bucket (Monday through Sunday)
M Monthly Bucket

Must Use	**FST04**	**373**	**Date-Period Start**	**M DT 6/6**

- This is the forecast start date.
- Weekly periods are calculated sequentially always starting on a Monday.
- Date expressed as YYMMDD.

Segment: SHP Shipped/Received Information

Loop: SHP Optional
Level: Detail
Usage: Optional
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SHP01**	**673**	**Quantity Qualifier**	**M ID 2/2**

Code specifying the type of quantity. Valid codes listed below:

01 Last Received Quantity

Must Use	**SHP02**	**380**	**Quantity**	**M R 1/15**

Quantity for last receipt.

Must Use	**SHP03**	**374**	**Date/Time Qualifier**	**M ID 3/3**

Code specifying the type of date. Valid codes listed below:
050 Last receipt Date

Must Use	**SHP04**	**373**	**Date**	**M DT 6/6**

Last receipt date.
Date expressed as YYMMDD.

Segment: **REF** Reference Information

Loop: SHP Optional
Level: Detail
Usage: Optional
Max Use: 1
Data Element Summary

	Ref.	**Data**		
	Des.	**Element**	**Name**	**Attributes**
Must Use	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**

SI Shipper's Identifying Number for Shipment (SID)

Must Use	**REF02**	**127**	**Reference Identification**	**M AN 1/30**

The SID number for the last receipt.

Segment: **SHP** Shipped/Received Information

Loop: SHP Optional
Level: Detail
Usage: Optional
Max Use: 1
Data Element Summary

	Ref.	**Data**		
	Des.	**Element**	**Name**	**Attributes**
Must Use	**SHP01**	**673**	**Quantity Qualifier**	**M ID 2/2**

Code specifying the type of quantity. Valid codes listed below:
02 Cumulative Received Quantity

Must Use	**SHP02**	**380**	**Quantity**	**M R 1/15**

Cumulative Quantity Received.

Must Use	**SHP03**	**374**	**Date/Time Qualifier**	**M ID 3/3**

Code specifying the type of date. Valid codes listed below:
051 Cumulative quantity start

	Ref.	**Data**		
	Des.	**Element**	**Name**	**Attributes**
Must Use	**SHP04**	**373**	**Date**	**M DT 6/6**

Cumulative quantity start date.

Date expressed as YYMMDD.

Optional   **SHP06 373**   **Date**   **O DT 6/6**
Cumulative quantity through date.
Date expressed as YYMMDD.

Segment: **CTT** Transaction Totals

Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6

The accumulation of the number of LIN segments.

Segment: **SE** Transaction Set Trailer

Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9

Operating Procedures

Replacement Logic:
Paulstra sends the 830 as a replacement document. The 830 purpose code transmitted in the BFR01 element is always 05, replace. A document may be replaced for various reasons, including replacing an error in a previous document or issuing a new weekly release that replaces the previous weekly release. Supplier systems should have the capability to compare successive incoming Weekly Releases and replace items that are identical for change points listed below.
Replacement of items from the new 830 should be based upon a match of:
• Ship To Code, N104
• Manufacturing Part Number, LIN03

The standard 830 will consist of a full range of the supplier's parts, but may at times be a sub-set.

Retransmission:
Paulstra can retransmit the 830 document also. Retransmission will only occur when the supplier requests that Paulstra resend the EDI document. This is typically because the supplier had some problem in the translation processing.
• A retransmitted document can be overlaid based upon the same logic as the replacement logic above.

Cumulative Requirements Netting Logic:
Use the cumulative year to date received that is sent to net against your year to date shipments. The last shipment ID number and quantity will be provided to aid in the reconciliation of in-transit shipments.

Appendix A
Sample Material Release (830)

This material release is for example only. Unprintable characters have been replaced.

```
ISA*00*          *00*          *ZZ*PAUL  PAULSA5 *01*123456789    *090430*1445*U*00300*000000560*0*P*:@
GS*PS*PAUL  PAULSA5*123456789*090430*1445*560*X*003060@
ST*830*5600001@
BFR*05*R00600-001**DL*A*090430*090719*090430@
N1*MI**1*006015382@
N1*SU**1*123456789@
N1*ST**1*006015382@
LIN**BP*X01505C*PO*P000509@
UIT*PC@
ATH*FI*090517*259660**090101@
ATH*MT*090614*302860**090101@
FST*19200*C*D*090507@
FST*19200*C*D*090514@
FST*19200*D*W*090518@
FST*4800*D*W*090525@
FST*19200*D*W*090601@
FST*14400*D*W*090615@
FST*14400*D*W*090622@
FST*14400*D*W*090629@
SHP*01*4800*050*090416@
REF*SI*124467@
SHP*02*206630*051*090101**090430@
LIN**BP*X02543B*PO*P000283@
UIT*PC@
ATH*FI*090517*175000**090101@
ATH*MT*090614*213500**090101@
FST*7000*C*D*090430@
FST*14000*C*D*090507@
FST*14000*C*D*090514@
FST*21000*D*W*090518@
FST*3500*D*W*090525@
FST*14000*D*W*090601@
FST*10500*D*W*090615@
FST*10500*D*W*090622@
FST*10500*D*W*090629@
SHP*01*3500*050*090421@
REF*SI*124495@
SHP*02*140000*051*090101**090430@
CTT*2@
SE*40*5600001@
GE*1*560@
IEA*1*000000560@
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