



EDI IMPLEMENTATION GUIDE

830 ANSI X12 V4010 Planning Schedule With Release Capability

830 Planning Schedule with Release Capability

Functional Group ID=**PS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Planning Schedule with Release Capability Transaction Set (830) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business practice relative to the transfer of forecasting/material release information between organizations. The planning schedule transaction may be used in various ways or in a combination of ways, such as: (1) a simple forecast; (2) a forecast with the buyer's authorization for the seller to commit to resources, such as labor or material; (3) a forecast that is also used as an order release mechanism, containing such elements as resource authorizations, period-to-date cumulative quantities, and specific ship/delivery patterns for requirements that have been represented in "buckets," such as **daily**, weekly, monthly, or quarterly. The order release forecast may also contain all data related to purchase orders, as required, because the order release capability eliminates the need for discrete generation of purchase orders. ANSI standards and AIAG guidelines list many optional segments and elements in the v4010 830. Segments and elements not listed below will not be used by Flex-N-Gate. The supplier's software must be able to process all segments and elements listed. The left-hand column provides information on FNG's normal usage. "Always" means that the segment or element will always be sent by Flex-N-Gate.

"Optional +" indicates that this segment is usually sent. "Optional –" means that this segment is rarely used.

Within one day of receiving an 830, a 997 should be returned. See end of this documentation for a sample of the 997.

Changes made:

Revision 6: dated: 02 08 2017 - There was a note added to explain the past due calculation.

Heading:

<u>FNG Usage</u>	<u>Pos No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>AIAG Usage</u>	<u>Max Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Always	10	ST	Transaction Set Header	M		1	
Always	20	BFR	Beginning Segment for Planning Schedule	M		1	
LOOP ID - N1						200	
Always +	240	N1	Name	O		1	
Optional +	290	PER	Administrative contact	O		3	

Detail:

<u>FNG Usage</u>	<u>Pos No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>AIAG Usage</u>	<u>Max Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - LIN						>1	
Always	350	LIN	Item Identification	M		1	
Always	360	UIT	Unit Detail	O		1	
Optional -	460	PRS	Part Release Status	O		1	
Optional -	470	REF	Reference Identification	O		12	
Optional +	550	ATH	Resource Authorization	O		20	
LOOP ID - LIN/N1						200	
Optional +	690	N1	Name	O		1	
Optional +	710	N3	Address Information	O		1	
Optional +	720	N4	Geographic Location	O		1	
LOOP ID - LIN/FST						260	
Optional +	800	FST	Forecast Schedule	O		1	
LOOP ID - LIN/SHP						25	
Optional +	900	SHP	Shipped/Received Information	O		1	
Optional +	910	REF	Reference Identification	O		1	5

Summary:

<u>FNG Usage</u>	<u>Pos No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>AIAG Usage</u>	<u>Max Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Always	950	CTT	Transaction Totals	O		1	n1
Always	960	SE	Transaction Set Trailer	M		1	

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of LIN segments.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:

<u>FNG</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>	<u>ID</u>
<u>Usage</u>	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Always	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M 3/3
			830 Planning Schedule with Release Capability	
Always	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Data Element Summary

Segment: **BFR** Beginning Segment for Planning Schedule
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates

- Syntax Notes:** 1 At least one of BFR02 or BFR03 is required.
Semantic Notes: 1 BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.
 2 BFR06 is the forecast horizon start date: The date when the forecast horizon (envelope) begins.
 3 BFR07 is the forecast horizon end date: The date when the forecast horizon (envelope) ends.
 4 BFR08 is the date forecast generated: The date the forecast data was generated.
 5 Use LIN05 for Purchase Order rather than BFR11 since there may be more than one PO on the 830.

Data Element Summary

<u>FNG Usage</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Always	BFR01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 04 Change 05 Replace	M ID 2/2
Always	BFR02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Always	BFR03	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	X AN 1/30
Always	BFR04	675	Schedule Type Qualifier Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast DL Delivery Based SH Shipment Based	M ID 2/2
Always	BFR05	676	Schedule Quantity Qualifier Code identifying the type of quantities used when defining a schedule or forecast A Actual Discrete Quantities	M ID 1/1
Always	BFR06	373	Forecast Horizon Start Date Date expressed as CCYYMMDD	M DT 8/8
Always	BFR07	373	Forecast Horizon End Date Date expressed as CCYYMMDD	O DT 8/8
Always	BFR08	373	Generation Date Date expressed as CCYYMMDD	M DT 8/8
Always	BFR11	324	Purchase Order Number Identifying number for Purchase Order Number assigned by Purchaser	M AN 9/9

Segment: **N1** Name
Position: 240
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 The N1*ST will be used at either the header level or at the detail level, but never at both levels. If all parts in a transaction set have the same ship to destination, the header level N1*ST will be used. If parts have different destinations, the detail level segment will be used within every LIN loop.
 3 N103 for N1*SU is mandatory to match with the 856 that you return. If you do not supply this on the 856 the GS segment will be used

Data Element Summary

FNG Usage	Ref. Des.	Data Element	Name	Attributes
Always	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3
Always			MI Material Release Issuer	
See comment 2			ST Ship To	
See comment 3			SU Supplier/Manufacturer	
Always	N102	93	Name Free-form name	X AN 1/60
Always	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
			1 D-U-N-S Number, Dun & Bradstreet	
			01 D-U-N-S Number, Dun & Bradstreet	
			92 Assigned by Buyer or Buyer's Agent	
Always	N104	67	Identification Code Code identifying a party or other code Suppress internal dashes and spaces. This is normally your DUNS number can also be mutually defined	X AN 2/80

Segment: **PER** Administrative Communications Contact
Position: 290
Loop: N1
Level: Header
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 This segment is used only for the Ship-to.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Always	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named EX Expeditor	M ID 2/2
Always	PER02	93	Name Free-form name	O AN 1/60
Optional +	PER03	365	Communications Number Qualifier Code identifying the type of communications number TE Telephone	X ID 2/2
Optional +	PER04	364	Communications Number Complete communications number including country or area code	X A/N 1/80
Optional +	PER05	365	Communications Number Qualifier Code identifying the type of communications number FX Facsimile	X ID 2/2
Optional +	PER06	364	Communications Number Complete communications number including country or area code	X A/N 1/80

Segment: **LIN** Item Identification
Position: 350
Loop: LIN Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:
 1 If either LIN04 or LIN05 is present, then the other is required.
 2 If either LIN08 or LIN09 is present, then the other is required.
 3 If either LIN12 or LIN13 is present, then the other is required.

Semantic Notes:
 1 LIN01 is the line item identification
Comments:
 1 See the Data Dictionary for a complete list of IDs.
 2 LIN02 through LIN13 provide for six different product/service IDs for each item.

Data Element Summary

<u>FNG Usage</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Always	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Buyer's Part Number	M ID 2/2
Always	LIN03	234	Product/Service ID Identifying number for a product or service	M AN 1/48
Always	LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) PO Purchase Order Number	X ID 2/2
Always	LIN05	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Optional -	LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) EC Engineering Change Level	X ID 2/2
Optional -	LIN07	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Optional -	LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP Vendor Part	X ID 2/2
Optional -	LIN09	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Optional -	LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) RY Model Year	X ID 2/2
Optional -	LIN11	234	Product/Service ID	X AN 1/48
Optional -	LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) PD Part Description	X ID 2/2
Optional -	LIN13	234	Product/Service ID	X AN 1/48

Segment: **UIT** Unit Detail
Position: 360
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify item unit data
Syntax Notes: 1 if UIT03 is present, then UIT02 is required.
Semantic Notes: UIT01 is a composite data element, C001, which contains 15 simple data elements. AIAG only utilizes the first component of the composite, data element 355. This implementation guideline reflects that decision by substituting 355 for C001, which is syntactically correct.
Comments: 1 The unit of measure in the SN103 element on the 856 for a given part should match the unit of measure in UIT01 for that part.

Data Element Summary

<u>FNG</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Usage</u> Always	<u>Des.</u> UIT01	<u>Element</u> 355	<u>Unit or Basis for Measurement Code</u> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Any valid X12 code value except mutually defined: 'ZZ'	M AN 2/2

Segment: **PRS** Part Release Status
Position: 460
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the status of the part being ordered or forecast with respect to this material release or planning document
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>FNG</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Usage</u> Optional -	<u>Des.</u> PRS01	<u>Element</u> 682	Part Release Status Code Code identifying the status of the specific part number being released or forecast or being used in an engineering change Any valid X12 code value.	M ID 1/2

Segment: **REF** Reference Identification
Position: 470
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one REF02 is required.
 .
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Optional -	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification DK Dock code LF Line Feed RL Reserve Line Feed	M ID 2/3
Optional -	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **ATH** Resource Authorization
Position: 550
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: 20
Purpose: To specify resource authorizations (i.e., finished labor, material, etc.) in the planning schedule

Syntax Notes:
 1 At least one of ATH02 or ATH03 is required.
 2 If ATH03 is present, then ATH05 is required.

Semantic Notes:
 1 ATH02 is the resource authorization through date: The date through which the buyer authorizes the seller to commit the resource defined in element ATH01.
 2 ATH03 is the current cumulative requirements quantity: The cumulative quantity that has been authorized to date from the cumulative start date (ATH05) through the resource authorization through date (ATH02).
 3 ATH05 is the cumulative start date: The date where the cumulative quantity count starts. This date might be the start date of a contract period, a calendar or fiscal year, or other.

Comments:
 1 It is imperative that negotiations defining financial commitment have previously occurred and are agreed to by both buyer and seller.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Always	ATH01	672	Resource Authorization Code Code identifying the resource which the buyer is authorizing the seller to commit to FI Finished (Labor, Material, and Overhead/Burden) MT Material PQ Cumulative Quantity Required Prior to First Schedule Period NOTE: If the first FST is prior to today date then that Cumulative Quantity is added to the PQ Cumulative Quantity prior to subtracting the SHP 02 Cumulative Quantity the calculation to verify if you have a past due amount.	M ID 2/2
Always	ATH02	373	Date Date expressed as CCYYMMDD	X DT 8/8
See syntax	ATH03	380	Authorization Cum Required Quantity Numeric value of quantity	X R 1/15
See syntax	ATH05	373	Required Ship Date Date expressed as CCYYMMDD	X DT 8/8

Segment: **N1** Name
Position: 690
Loop: LIN/N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 The N1*ST will be used at either the header level or at the detail level, but never at both levels. If all parts in a transaction set have the same ship to destination, the header level N1*ST will be used. If parts have different destinations, the detail level segment will be used.

Data Element Summary

<u>FNG Usage</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Always	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M ID 2/3
Always	N102	93	Name Free-form name	X AN 1/60
Always	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet	X ID 1/2
Always	N104	67	Identification Code Suppress internal dashes and spaces. Code identifying a party or other code	X AN 2/80

Segment: **N3** Address Information

Position: 710
Loop: LIN/N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>FNG</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Usage</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Optional -	N301	166 Address Information	M ID 1/55
Optional -	N302	166 Address Information	O AN 1/55

Segment: N4 Geographic Location

Position: 720
Loop: LIN/N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic location, e.g., city, state, of the named party
Syntax Notes:
Semantic Notes:
Comments: 1

Data Element Summary

FNG	Ref.	Data		Attributes
Usage	Des.	Element	Name	
Optional -	N401	19	City Name	M AN 2/30
Optional -	N402	156	State/Province	O ID 1/2
Optional -	N403	116	Postal code	O ID 3/15
Optional -	N404	26	Country Code	O ID 2/3

Segment: **FST** Forecast Schedule
Position: 800
Loop: LIN/FST Optional
Level: Detail
Usage: Optional
Max Use: 260
Purpose: To specify the forecasted dates and quantities

Syntax Notes: 1 If FST03 equals "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval.

Comments: 1 As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval.
 2. Flex-N-Gate may send daily requirements.

Data Element Summary

<u>FNG</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Usage</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Always	FST01	380 Quantity Numeric value of quantity	M R 1/15
Always	FST02	680 Forecast Qualifier Code specifying the sender's confidence level of the forecast data or an action associated with a forecast C Firm D Planning	M ID 1/1
Always	FST03	681 Forecast Timing Qualifier Code specifying interval grouping of the forecast D Discrete F Flexible Interval (from Date X through Date Y) M Monthly Bucket (Calendar Months) W Weekly Bucket	M ID 1/1
Always	FST04	373 Forecast Begin Date Date expressed as CCYYMMDD	M DT 8/8
See syntax & comments	FST05	373 Forecast End Date Date expressed as CCYYMMDD	O DT 8/8

- Segment:** **SHP** Shipped/Received Information
Position: 900
Loop: LIN/SHP Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify shipment and/or receipt information
Syntax Notes:
 - 1 If SHP01 is present, then SHP02 is required.
 - 2 If SHP03 is present, then at least one of SHP04 or SHP05 is required.
 - 3 If SHP04 is present, then SHP03 is required.**Semantic Notes:**
 - 1 SHP04 is the date shipped, delivered, received, or the cumulative quantity start date (as qualified by SHP03).**Comments:**
 - 1 The SHP segment is used to communicate shipment, delivery, or receipt information and may include discrete or cumulative quantities, dates, and times.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Always	SHP01	673	Quantity Qualifier Code specifying the type of quantity 01 Discrete Quantity 02 Cumulative Quantity	O ID 2/2
Always	SHP02	380	Quantity Numeric value of quantity	X R 1/15
Always	SHP03	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 050 Received 051 Cumulative Quantity Start	X ID 3/3
Always	SHP04	373	Date Date expressed as CCYYMMDD	X DT 8/8

Segment: **REF** Reference Identification
Position: 910
Loop: SHP Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify identifying information
Syntax Notes: 1 At least one REF02 is required.
 .
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Always	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment	M ID 2/3
Always	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **CTT** Transaction Totals
Position: 950
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:
Semantic Notes:
Comments: 1. this segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Always	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
			Total number of LIN segments	

Segment: **SE** Transaction Set Trailer
Position: 960
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Always	SE01	96 Number of Included Segments	M N0 1/10 Total number of segments included in a transaction set including ST and SE segments
> Always	SE02	329 Transaction Set Control Number	M AN 4/9 Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set



Sample 830

ISA~00~ ~00~ ~ZZ~OURDUNS# ~ZZ~VENDDUNS#~020801~1046
~U~00401~000000006~0~T~@*
GS~PS~ OURDUNS#~VENDDUNS#~20020801~1046~6~X~004010*
ST~830~0006*
BFR~05~2002213B~2002213B~DL~A~20020801~20021103~20020801*
N1~MI~FLEX-N-GATE~01~ OURDUNS#*
N1~SU~TEST VENDOR~01~VENDDUNS#*
N1~ST~FLEX-N-GATE~01~ OURDUNS#*
PER~EX~CHARLES SNYDER~TE~519-727-3931~FX~519-727-6436*
LIN~~BP~TEST MATERIAL 1~PO~001628*
UIT~EA*
REF*LF*S-4
ATH~PQ~20020801~24800~~20020101*
ATH~FI~20020801~0~~20020101*
ATH~MT~20020801~0~~20020101*
FST~100~C~D~20020801*
FST~100~C~D~20020802*
FST~0~C~D~20020803*
FST~0~C~D~20020804*
FST~150~C~D~20020805*
FST~0~C~D~20020806*
FST~50~C~D~20020807*
FST~100~C~D~20020808*
FST~100~C~D~20020809*
FST~0~C~D~20020810*
FST~0~C~D~20020811*
FST~2000~D~F~20020812~20020908*
FST~1900~D~F~20020909~20021006*
FST~2200~D~F~20021007~20021103*
SHP~01~1010~050~20020628*
REF~SI~5FF427*
SHP~02~24800~051~20020101*
LIN~~BP~TEST MATERIAL 2~VP~ Vendor MATERIAL 2~PO~001629*
UIT~EA*
REF*LF*S-6
ATH~PQ~20020801~2370~~20020101*
ATH~FI~20020801~0~~20020101*
ATH~MT~20020801~0~~20020101*
FST~10~C~D~20020801*
FST~20~C~D~20020802*
FST~0~C~D~20020803*
FST~0~C~D~20020804*
FST~0~C~D~20020805*
FST~20~C~D~20020806*
FST~20~C~D~20020807*
FST~0~C~D~20020808*
FST~0~C~D~20020809*
FST~0~C~D~20020810*
FST~0~C~D~20020811*
FST~150~D~F~20020812~20020908*
FST~200~D~F~20020909~20021006*
FST~300~D~F~20021007~20021103*
SHP~01~210~050~20020702*
REF~SI~XYZ123*
SHP~02~2370~051~20020101*
CTT~2*
SE~52~0006*



GE~1~6*
IEA~1~000000006*

Sample 997

ISA~00~ ~00~ ~ZZ~VENDDUNS# ~ZZ~ OURDUNS# ~
020801~1807~U~00401~000000129~0~T*:
GS~FA~VENDDUNS#~ OURDUNS#~20020801~1807~129~X~004010*
ST~997~0004*
AK1~PS~6*
AK2~830~0006*
AK5~A*
AK9~A~1~1~1*
SE~6~0004*
GE~1~129*
IEA~1*000000129*