

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 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.

Additional Comment: The Syntax and Semantic notes listed below are standard for this transaction set. We include all Syntax and Semantic notes that apply to this document. The Data Element Summary in each segment only includes those elements that apply to the ERP package being used.

Assumption: (internal documents only)

This detailed example assumes that decentralized purchasing is the company practice. If centralized purchasing is the business practice, then the N101 "MI" will be different than the N101 "ST"

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BFR	Beginning Segment for Planning Schedule	M	1		
LOOP ID - N1						200	
Must Use	230	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - LIN						>1	
Must Use	010	LIN	Item Identification	M	1		
Must Use	020	UIT	Unit Detail	O	1		
	230	ATH	Resource Authorization	O	20		
LOOP ID - FST						>1	
Must Use	410	FST	Forecast Schedule	O	1		n1
LOOP ID - SHP						25	
Must Use	470	SHP	Shipped/Received Information	O	1		
	480	REF	Reference Identification	O	5		



Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	O	1		n2
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. At least one occurrence of segment FST is required, either in the FST loop or within the SDP loop. These two loops are mutually exclusive.
2. Number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (FST01) for each FST segment.



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: ST*830*160001+

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
>>	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

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 If BFR01 contains the value "04" (Net Change), BFR09 is required.

2 BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.
3 BFR06 is the forecast horizon start date: The date when the forecast horizon (envelope) begins.

4 BFR07 is the forecast horizon end date: The date when the forecast horizon (envelope) ends.

5 BFR08 is the date forecast generated: The date the forecast data was generated.

BFR09 is the date forecast updated: The date the forecast was updated with "net change" data. (Used only when data element 353 in BFR01 contains the value "04", meaning net change.)

Comments: BFR*05**24*SH*A*19991118*20001231*19991118+

Data Element Summary

	Ref Des.	Data Element	Name	Attributes
>>	BFR01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
		00	Original (Not recommended. Always use "05" even if it is the first release. See the "Supplier Schedule Export" 35.18 section on purpose code, of the Supplier Training Manual.)	
		05	Replace (Indicates replacement of previous material release. See the "Supplier Schedule Export" 35.18 section on purpose code, of the Supplier Training Manual. See FST segment for how zero requirements are handled.)	
>>	BFR03	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction (Batch ID is generated for each new scheduled export. See the "Re-Sending a Schedule" section of the Supplier Training Manual)	M AN 1/30
>>	BFR04	675	Schedule Type Qualifier Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast	M ID 2/2
		DL	Delivery Based (This type qualifier comes from "Supplier Schedule Export" 35.18 see the Supplier Training Manual. This notifies the supplier that the dates associated with this qualifier are the date(s) that the item is expected on the customer's dock. Transport Days in MFG/PRO must be zero.)	

	Ref Des.	Data Element	Name	Attributes
		SH	Shipment Based (This type qualifier comes from "Supplier Schedule Export" 35.18 see the Supplier Training Manual. This notifies the supplier that the dates associated with this qualifier are The date(s) the supplier is to ship the item. Transportation days are required. See the "Schedule Order Maintenance" 5.5.1.13 section of the Supplier Training Manual.)	
>>	BFR05	676	Schedule Quantity Qualifier Code identifying the type of quantities used when defining a schedule or forecast	M ID 1/1
		C	Cumulative Quantities (This qualifier comes from the "Supplier Schedule Export" 35.18 see section on quantity qualifier in the Supplier Training Manual.)	
		A	Actual Discrete Quantities (This qualifier comes from the "Supplier Schedule Export" 35.18 see section on quantity qualifier in the Supplier Training Manual.)	
>>	BFR06	373	Date Date expressed as CCYYMMDD Horizon Start Date (In MFG/PRO, this is the date entered in the "Horizon Start Date" field in "Supplier Schedule Export" 35.18 screen.)	M DT 8/8
>>	BFR07	373	Date Date expressed as CCYYMMDD Horizon End Date (In MFG/PRO, this is the date entered in the "Horizon End Date" field in "Supplier Schedule Export" 35.18 screen)	M DT 8/8
>>	BFR08	373	Date Date expressed as CCYYMMDD Generation Date (In MFG/PRO, this is the "Issue Date generated in "Supplier Schedule Export" 35.18 screen.)	M DT 8/8
	BFR11	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser Purchase Order Number is transmitted in this data element if the same Purchase Order Number applies for all parts on this release.	O AN 1/22

Segment: **N1** Name
Position: 230
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
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 N105 and N106 further define the type of entity in N101.

N1*ST**1*10000+

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual MI Planning Schedule/Material Release Issuer (<i>The "MI" and "ST" are the same in MFG/PRO.</i>) ST Ship To (<i>The "ST" can be found in the "Site Maintenance" 1.1.13 screen in MFG/PRO.</i>) SU Supplier/Manufacturer (<i>The "SU" can be found in "Trading Partner Parameter Maintenance" 35.1 screen in MFG/PRO. The "SF" and "SU" are the same in MFG/PRO.</i>)	M ID 2/3
>>	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 (<i>This is a highly recommended business practice. Discourage the use of "ZZ" in this segment.</i>)	M ID 1/2
>>	N104	67	Identification Code Code identifying a party or other code DUNS Number (<i>This can be found in the "Trading Partner Parameter Maintenance" 35.1 screen in MFG/PRO.</i>)	M AN 2/80



Segment: **LIN** Item Identification

Position: 010

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 LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 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 LIN31 provides for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

LIN**BP*6034866*PO*2005*EC*C*RN*12121+

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
>>	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
>>	LIN03	234	Product/Service ID Identifying number for a product or service (<i>This element would contain the actual item number in the "Item Maintenance" 1.4.1 screen in MFG/PRO.</i>)	M AN 1/48
	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 <div>The Purchase Order Number should be transmitted in this data element unless one Purchase Order Number pertains to all parts in the transaction set, in which case it should be transmitted in the BFR11. The Purchase Order Number should never be transmitted in both segments.</div>	X ID 2/2
	LIN05	234	Product/Service ID Identifying number for a product or service (<i>This element would contain the actual purchase order number found in the "Scheduled Order Maintenance" 5.5.3.3 screen in MFG/PRO.</i>)	X AN 1/48

Ref. Des.	Data Element	Name	Attributes
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 <i>(Not recommended. This is very difficult to synchronize engineering change levels with weekly releases.)</i>	X ID 2/2
LIN07	234	Product/Service ID Identifying number for a product or service <i>(This element would be found in the "Rev" field in "Item Maintenance" 1.4.1 screen in MFG/PRO.)</i>	X AN 1/48
LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) RN Release Number	X ID 2/2
LIN09	234	Product/Service ID Identifying number for a product or service <i>(This element will contain the release number found in the "Scheduled Maintenance" 5.5.3.3 screen in MFG/PRO. This number will be generated whenever Update from MRP is run.</i>	X AN 1/48

Segment: **UIT** Unit Detail

Position: 020

Loop: LIN Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To specify item unit data

Syntax Notes: 1 If UIT03 is present, then UIT02 is required.

Semantic Notes:

Comments: UIT*EA+

Data Element Summary

	Ref. Des.	Data Element	Name	
>>	UIT01	C001	Composite Unit of Measure	M
			To identify a composite unit of measure	
>>	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			If using pieces as the unit of measure, use PC. (This is can be found in the "UM" field on the "Item Maintenance" 1.4.1 screen in MFG/PRO.)	

Segment: **ATH** Resource Authorization

Position: 230

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.

3 If ATH04 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 requirement 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.

2 ATH04 is the maximum cumulative requirement quantity: The maximum cumulative quantity that has been authorized to date from the cumulative start date (ATH05) through the resource authorization through date (ATH02). This is a high water mark. If the forecast decreases, the current cumulative requirement quantity also decreases, but the maximum cumulative requirement quantity does not decrease.

ATH*FI*19991206*175**19991118+

Data Element Summary

Ref. Des.	Data Element	Name	
>> ATH01	672	Resource Authorization Code	M ID 2/2
		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
ATH02	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
		Resource Through Date (<i>The calculated date from the quantity contained in the ATH03.</i>)	

Ref. Des.	Data Element	Name	
ATH03	380	Quantity	X R 1/15
		Numeric value of quantity	
		If ATH01 is "PQ" then this data element is the cum quantity required prior to the first scheduled period. <i>(The "PQ" quantity is found in the Prior Cum Req field in "Schedule Maintenance" 5.5.3.3 screen.)</i>	
		If ATH01 is "MT" then this data element is the material cum. <i>(Qualifier "MT" is calculated from the "RAW Auth Days" in "Scheduled Order Maintenance" 5.5.3.3 screen.)</i>	
		If ATH01 is "FI" then this data element is the finished cum (for example, fabrication cum). <i>(Qualifier "FI" is calculated from the "FAB Auth Days" in "Scheduled Order Maintenance" 5.5.1.13 screen.)</i>	
ATH05	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
		This data element contains the cumulative start date. <i>(This date is found in the Prior Cum Date field in Schedule Maintenance 5.5.3.3 screen. This date is one day prior to running the Schedule Update from MRP in MFG/PRO.)</i>	

Segment: FST Forecast Schedule**Position:** 410**Loop:** FST Mandatory**Level:** Detail**Usage:** Mandatory**Max Use:** 1**Purpose:** To specify the forecasted dates and quantities**Syntax Notes:** 1 If either FST06 or FST07 is present, then the other is required.

2 If either FST08 or FST09 is present, then the other is required.

Semantic 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 FST06 qualifies the time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as a.m. or p.m.

FST*100*D*W*19991206+

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	FST01	380	Quantity Numeric value of quantity <i>(The quantity of the item to be shipped. Requirements of zero may or may not be generated based on flags (Export Schedules W/O Rqmts and Include Net Zero Requirements) found in Supplier Schedule Export 35.18. See Supplier Manual for additional details.)</i>	M R 1/15
>>	FST02	680	Forecast Qualifier Code specifying the sender's confidence level of the forecast data or an action associated with a forecast (These qualifiers can be found in the Line Item Data Screen in the "Q" column of "Scheduled Order Maintenance" 5.5.3.3. in QAD "F"= Firm and "P" = Planned.	M ID 1/1
			C Firm	
			D Planning	
>>	FST03	681	Forecast Timing Qualifier Code specifying interval grouping of the forecast	M ID 1/1
			D Discrete <i>(This defines the exact quantity that will be due on the date in the FST04. This is considered a daily bucket (versus weekly or monthly.)</i>	
			W Weekly Bucket (Monday through Sunday)	
			M Monthly <i>(The use of monthly or flexible quantities are not a recommended business practice.)</i>	
>>	FST04	373	Date Date expressed as CCYYMMDD <i>(This is the due date of the quantity contained in the FST01.)</i>	M DT 8/8



Segment: **SHP** Shipped/Received Information

Position: 470

Loop: SHP Mandatory

Level: Detail

Usage: Mandatory

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.
 - 4 If SHP05 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).

2 SHP06 is the cumulative quantity end date.

- Comments:**
- 1 The SHP segment is used to communicate shipment, delivery, or receipt information and may include discrete or cumulative quantities, dates, and times.
 - 2 If SHP01 equals "02", "07", "08", "09", or "10" (indicating cumulative quantities), then SHP04 and SHP06 are required to identify the start and end dates of the quantity count.

SHP*01*250*011*19991117+

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
SHP01	673	Quantity Qualifier Code specifying the type of quantity 01 Discrete Quantity	O ID 2/2
>>	SHP02	380 Quantity Numeric value of quantity (<i>This contains the quantity for the last CONFIRMED shipment received from the supplier. This information is obtained from the data that is entered in "PO Shipper Maintenance" 5.5.5.5 screen in MFG/PRO. The supplier will take the information contained in this segment and use it to calculate their cum internally within their system.</i>)	M R 1/15
>>	SHP03	374 Date/Time Qualifier Code specifying type of date or time, or both date and time If SHP01 contains "01", then the data element in SHP03 will contain "011" to indicate the last shipment date <u>received</u> .	M ID 3/3
>>	SHP04	373 Date Date expressed as CCYYMMDD (<i>This contains the date of the last shipment received from the supplier.</i>)	M DT 8/8

Segment: **REF** Reference Identification

Position: 480

Loop: SHP Mandatory

Level: Detail

Usage: Optional

Max Use: 5

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

2 If either C04003 or C04004 is present, then the other is required.

3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments: This segment will not export until an ASN has been loaded into MFG/PRO.

REF*SI*11212111+

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification SI Shipper's Identifying Number for Shipment (SID) <i>A unique number (to the shipper) assigned by the supplier to identify the shipment.)</i>	M ID 2/3
>>	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>This data element indicates the shipper's identifying number for the shipment (SID). (This contains the Shipper ID for the last confirmed shipment received from the supplier. This information is obtained from the data that is entered in "PO Shipper Maintenance" 5.5.5.5 screen in MFG/PRO. The supplier will take the information contained in this segment and use it to calculate their cums. The prior SHP and this REF segment are used together.)</i>	M AN 1/30

Segment: **CTT** Transaction Totals

Position: 010

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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

Syntax Notes: **1** If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

Comments: **1** This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6
	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10
	CTT03	81	Weight Numeric value of weight	X R 1/10
	CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
	CTT05	183	Volume Value of volumetric measure	X R 1/8
	CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
	CTT07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **SE** Transaction Set Trailer

Position: 020

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. Des.	Data Element	Name	Attributes
>>	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
>>	SE02	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

SAMPLE DATA FILE

```
ISA*      *      *      *      *ZZ*AYINT      *ZZ*AYEXT
*991119*091
4*U*00401*000000013*0*T*;*+
GS*PS*AYINFG*AYFG*991119*0914*16*U*004010+
ST*830*160001+
BFR*05**24*SH*A*19991118*20001231*19991118+
N1*SU**1*AYEXT+
N1*ST**1*10000+
LIN**BP*6034866*PO*2005*EC*C*RN*12121+
UIT*EA+
ATH*FI*19991206*175**19991118+
ATH*PQ*19991118*0**19991118+
FST*75*D*W*19991129+
FST*100*D*W*19991206+
SHP*01*0*011*19991117+
REF*SI*1123344+
LIN**BP*1151515*PO*2000*EC*L+
UIT*EA+
ATH*FI*19991130*56**19991116+
ATH*MT*19991130*56**19991116+
ATH*PQ*19991117*0**19991116+
FST*23*D*W*19991122+
FST*33*D*W*19991129+
SHP*01*250*011*19991117+
REF*SI*11212111+
CTT*2+
SE*21*160001+
GE*1*16+
IEA*2*000000013+
```



Appendix A

Schedule Export Batch ID and Release Numbers:

MFG/PRO generates a release number for every part number on a material release. It is common for suppliers to call about retransmission or data content problems of a particular release. To retransmit a release the supplier must provide two pieces of information (the date the EDI release was sent, and part number being released). In order to resend a release, the Schedule Export Batch ID number originally created on the release must be known in order to use the resend functionality contained within MFG/PRO. Supplier Schedule Export Audit Rpt (35.19) is used to locate a previous Schedule Export Batch ID number in MFG/PRO. Depending upon the selection criteria entered, this will reflect what the Schedule Export Batch ID number was for those schedules already exported.

New release requirements cannot be exported again until the next time MRP is regenerated.



Additional Notes on the 830:

1. Trinary's supplier EDI implementation guidelines are based on the AIAG's Recommended Business Practice (RBP) documents in conjunction with the functionality contained within MFG/PRO. Further information and explanations on automotive industry best practices can be found in AIAG's "Supply Chain Recommended Business Practices for EDI implementation *for Requirements (Push) Based EDI*" document.
2. When working with organizations that are implementing the 830, the use of discrete quantities in the FST should be discouraged. If a company is operating in a Just-In-Time environment, which requires a supplier to ship on a frequent basis, they should consider using the 830 to transmit planning information and the 862 to transmit precise/discrete shipping requirements.
3. Trinary customers should be encouraged to transmit weekly releases as close to the same time each week as possible to avoid confusion by the supplier as to when they will receive their weekly release. By doing this practice, companies will **minimize phone calls and avoid confusion** by suppliers who are looking for their weekly release.
4. The use of the SDP segment is not recommended. Most suppliers know the date that the items are to be delivered to their customer's dock. Therefore, the information found in this segment is redundant.
5. Sending KANBAN or Pull Signals requires accurate inventories. Also, this business practice is not currently supported for supplier side in MFG/PRO. For these two reasons, this should not be recommended to Trinary customers.
6. If transport days are greater than zero, the schedules will be shipment based and will override the delivery-based qualifier in the Supplier Export Schedule screen in 35.18. See the Supplier Training Manual for further details.
7. Scheduled Order Purchase Orders cannot be edited through PO Maintenance in MFG/PRO. All purchase orders must be recreated to using supplier schedule orders when supplier EDI is implemented. For further details, see "Creating and Exporting the Schedule" in the Supplier Training Manual.
8. The Country field in Supplier Maintenance can contain up to 30 characters in MFG/PRO. However, the X12 standard only allows for three characters.
9. Any manual additions or deletions made to a scheduled order will only show on the release the changes were made on. The next time MRP update is run, the changes would not be included.
10. There are two reports, Schedule Print and Schedule Report, that can be generated from a supplier schedule. Schedule Print (5.5.3.8) shows what the supplier sees. The second report is Schedule Report (5.5.3.13). This report shows *exactly* what the schedule produced (not taking into account cum received and transport days).