

LEAR CORPORATION  
IMPLEMENTATION GUIDELINES FOR AIAG (ASC X12) EDI CONVENTIONS  
PRODUCTION RELEASE TRANSACTION SET (830)

LEAR CORPORATION ITC  
24467 WEST TEN MILE RD  
SOUTHFIELD, MI 48034

ASC X12  
VERSION/RELEASE 003010

**830 PLANNING SCHEDULE WITH RELEASE CAPABILITY**

This standard 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) also know as Electronic Commerce(EC) 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 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 materials;
- (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 data related to purchase orders, as required, because the order release capability eliminates the need for discrete generation of purchase orders.

<b>SEGMENT USAGE OVERVIEW</b>
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**HEADER SEGMENT DESCRIPTION TABLE**

ST	M	TRANSACTION SET HEADER
BFR	M	BEGINNING SEGMENT FOR PLANNING SCHEDULE
NTE	F	NOTE/SPECIAL INSTRUCTION
N1	O	NAME
DTM	O	DATE/TIME REFERENCE

**DETAIL SEGMENT DESCRIPTION TABLE**

LIN	M	ITEM IDENTIFICATION
UIT	O	UNIT DETAIL
PID	O	PRODUCT/ITEM DESCRIPTION
PRS	O	PART RELEASE STATUS
REF	O	REFERENCE IDENTIFICATION
PER	O	ADMINISTRATIVE COMMUNICATIONS CONTACT
SDP	O	SHIP/DELIVERY PATTERN
FST	O	FORECAST SCHEDULE
ATH	O	RESOURCE AUTHORIZATION
SHP	O	SHIPPED / RECEIVED INFORMATION

**SUMMARY SEGMENT DESCRIPTION TABLE**

CTT	O	TRANSACTION TOTALS
SE	O	TRANSACTION SET TRAILER

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**HEADER    SEGMENT DESCRIPTION TABLE**

<u>SEGMENT</u>	<u>REQD</u>	<u>DESCRIPTION</u>	
<b>ST</b>	<b>M</b>	<b>TRANSACTION SET HEADER</b>	
<b>BFR</b>	<b>M</b>	<b>BEGINNING SEGMENT FOR PLANNING SCHEDULE</b>	
<b>NTE</b>	<b>F</b>	<b>NOTE/SPECIAL INSTRUCTION</b>	
CUR	O	CURRENCY	NOT USED
REF	O	REFERENCE IDENTIFICATION	NOT USED
PER	O	ADMINISTRATIVE COMMUNICATIONS CONTACT	NOT USED
TAX	O	TAX REFERENCE	NOT USED
FOB	O	F.O.B. RELATED INSTRUCTIONS	NOT USED
<b>N1</b>	<b>O</b>	<b>NAME</b>	
N2	O	ADDITIONAL NAME INFORMATION	NOT USED
N3	O	ADDRESS INFORMATION	NOT USED
N4	O	GEOGRAPHIC LOCATION	NOT USED
REF	O	REFERENCE IDENTIFICATION	NOT USED
PER	O	ADMINISTRATIVE COMMUNICATIONS CONTACT	NOT USED
FOB	O	F.O.B. RELATED INFORMATION	NOT USED
CTP	O	PRICING INFORMATION	NOT USED
SSS	O	SPECIAL SERVICES	NOT USED
CSH	O	HEADER SALE CONDITION	NOT USED
ITD	O	TERMS OF SALE/DEFERRED TERMS OF SALE	NOT USED
<b>DTM</b>	<b>O</b>	<b>DATE/TIME REFERENCE</b>	
PID	O	PRODUCT/ITEM DESCRIPTION	NOT USED
MEA	O	MEASUREMENTS	NOT USED
PWK	O	PAPERWORK	NOT USED
PKG	O	PARKING, PACKAGING, LOADING	NOT USED
TD1	O	CARRIER DETAILS (QUANTITY AND WEIGHT)	NOT USED
TD5	O	CARRIER DETAILS (ROUTING SEQUENCE/TRANSIT TIME)	NOT USED
TD3	O	CARRIER DETAILS (EQUIPMENT)	NOT USED
TD4	O	CARRIER DETAILS (SPECIAL HANDLING, OR HAZARDOUS)	NOT USED
MAN	O	MARKS AND NUMBERS	NOT USED

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SEGMENT:                   **ST - TRANSACTION SET HEADER**

LEVEL:                     Heading

MAX USAGE/LOOPS:        1/None

PURPOSE:                  Indicate the beginning of a transaction set and to assign  
a control number.

GENERAL  
INFORMATION:              The Transaction Set Control Number (ST02) in this header  
must match the Transaction Set Control Number (SE02) in  
the Transaction Set Trailer (SE) segment.

EXAMPLE:                 ST\*830\*0001        N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
ST01	143	Transaction Set Id Code	M ID 03/03	Use '830'
ST02	239	Transaction Set Control	M AN 04/09	A unique control number (same as SE02)

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SEGMENT:    **BFR – BEGINNING SEGMENT FOR PLANNING SCHEDULES**

LEVEL:                   Header

MAX USAGE/LOOPS:    1/None

PURPOSE:               Indicate the beginning of a Planning Schedule  
Transaction Set and related forecast dates.

GENERAL INFORMATION:    Element BFR04 indicates planning schedule is shipment  
based (SH) or delivery based (DL).

EXAMPLES:            BFR\*05\*\*994-5\*SH\*A\*910804\*911027\*910804    N/L    Shipment Based  
                      BFR\*05\*\*994-5\*DL\*A\*910804\*911027\*910804    N/L    Delivery Based

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
BFR01	353	Transaction Set Purpose	M ID 02/02	'00' = Original '05' = Replace
BFR02	127	Forecast Order Number	X AN 01/30	<b><u>not used</u></b>
BFR03	328	Release Number	X AN 01/30	The first digit is the model year
BFR04	675	Forecast Type Qualifier	M ID 02/02	'SH' = Shipment Based 'DL' = Delivery Based
BFR05	676	Schedule Quantity Qualifier	M ID 01/01	'A' = Actual Discrete Quantities 'C' = Cumulative Quantities
BFR06	373	Schedule Start Date	M DT 06/06	Format (YYMMDD)
BFR07	373	Schedule End Date	M DT 06/06	Format (YYMMDD)
BFR08	373	Schedule Generation Date	M DT 06/06	Format (YYMMDD)
BFR09	373	Forecast Updated Date	O DT 06/06	<b><u>not used</u></b>
BFR10	367	Contract Number	O AN 01/30	<b><u>not used</u></b>
BFR11	324	Purchase Order Number	O AN 01/22	<b><u>not used</u></b>

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SEGMENT:                   **NTE - NOTE / SPECIAL INSTRUCTIONS**

LEVEL:                     Heading

MAX USAGE/LOOPS:       100/None

PURPOSE:                 Provide information in a free-form format that would have appeared at the bottom of the printed release sent through the mail.

GENERAL INFORMATION:       A maximum of 100 NTE segments could be created, each containing 1-51 characters. This segment is only used when important information not contained in other segment types must be transmitted.

EXAMPLES:                NTE\*GEN\*MAJOR 91 MODEL LAUNCH MIX CHGS. INCORPORATED IN N/L  
                               NTE\*GEN\*THESE RELEASES. ESP. AT WARREN AND LANSING N/L  
                               NTE\*GEN\*REVEIW SCHEDULES AT ONCE. IF YOU DETECT A SUPPLY N/L  
                               NTE\*GEN\*PROBLEM ADVISE AT ONCE. N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
NTE01	363	Note Reference Code	M ID 03/03	"GEN"
NTE02	3	Free Form Message	M AN 01/60	Free form text

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SEGMENT:               **N1 - NAME**

LEVEL:                   Header

MAX USAGE/LOOPS:    1/200

PURPOSE:               Identify the party by type of organization, name, and code.

GENERAL INFORMATION:    The N1 loop in the heading area is used to identify the release issuer and the supplier being released to.

EXAMPLES:               N1\*MI\*\*92\*\*20005                               N/L  
                               N1\*Sf\*\*92\*\*LSC40                               N/L  
                               N1\*ST\*LEAR CORPORATION\*92\*\*LSC40       N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
N101	98	Entity Identifier Code	M ID 02/02	"MI" = Material Release Issuer "ST" = Ship To Location "SF" = Ship From Location
N102	93	Organization Name	X AN 01/35	
N103	66	Identification Code Qualifier	X ID 01/02	"92" = Assigned by buyer
N104	67	Identification Code	X AN 02/17	If N101= (MI) this element would contain the Lear plant number associated with the "ST" destination



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SEGMENT: **DTM – DATE / TIME REFERENCE**

LEVEL: Heading

MAX USAGE/LOOPS: 2/None

PURPOSE: Specify pertinent dates and times

GENERAL INFORMATION: Use a Date/Time Qualifier (DTM01) value of "097" to specify the creation date of document.

EXAMPLE: DTM\*097\*910805\*230045 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
DTM01	374	Date/Time Qualifier	M ID 03/03	"097"
DTM02	373	Date	X DT 06/06	Date (YYMMDD)
DTM03	337	Time	X TM 04/06	Time (HHMM) times expressed in HH = Hour (24 hour clock MM= Minutes
DTM04	623	Time Zone Qualifier	O ID 02/02	Time zone code

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**DETAIL SEGMENT DESCRIPTION TABLE**

<u>SEGMENT</u>	<u>REQD</u>	<u>DESCRIPTION</u>	
<b>LIN</b>	<b>M</b>	<b>ITEM IDENTIFICATION</b>	
<b>UIT</b>	<b>O</b>	<b>UNIT DETAIL</b>	
CUR	O	CURRENCY	NOT USED
SLN	O	SUBLINE ITEM DETAIL	NOT USED
PID	O	PRODUCT/ITEM DESCRIPTION	
PO3	O	ADDITIONAL ITEM DETAIL	NOT USED
CTP	O	PRICING INFORMATION	NOT USED
<b>PID</b>	<b>O</b>	<b>PRODUCT/ITEM DESCRIPTION</b>	
MEA	O	MEASUREMENTS	NOT USED
PWK	O	PAPERWORK	NOT USED
PKG	O	PARKING, PACKAGING, LOADING	NOT USED
PO4	O	ITEM PHYSICAL MARKINGS	NOT USED
<b>PRS</b>	<b>O</b>	<b>PART RELEASE STATUS</b>	
<b>REF</b>	<b>O</b>	<b>REFERENCE IDENTIFICATION</b>	
<b>PER</b>	<b>O</b>	<b>ADMINISTRATIVE COMMUNICATIONS CONTACT</b>	
SSS	O	SPECIAL SERVICES	NOT USED
ITA	O	ALLOWANCE, CHARGE OR SERVICE	NOT USED
ITD	O	TERMS OF SALE/DEFERRED TERMS OF SALE	NOT USED
TAX	O	TAX REFERENCE	NOT USED
FOB	O	F.O.B. RELATED INSTRUCTIONS	NOT USED
N1	O	NAME	NOT USED
N2	O	ADDITIONAL NAME INFORMATION	NOT USED
N3	O	ADDRESS INFORMATION	NOT USED
N4	O	GEOGRAPHIC LOCATION	NOT USED
REF	O	REFERENCE IDENTIFICATION	NOT USED
PER	O	ADMINISTRATIVE COMMUNICATIONS CONTACT	NOT USED
FOB	O	F.O.B. RELATED INFORMATION	NOT USED
FST	O	FORECAST SCHEDULE	NOT USED
<b>SDP</b>	<b>O</b>	<b>SHIP/DELIVERY PATTERN</b>	
<b>FST</b>	<b>O</b>	<b>FORECAST SCHEDULE</b>	
SDQ	O	DESTINATION QUANTITY	NOT USED
<b>ATH</b>	<b>O</b>	<b>RESOURCE AUTHORIZATION</b>	
SHP	O	SHIPPED / RECEIVED INFORMATION	NOT USED
REF	O	REFERENCE IDENTIFICATION	NOT USED
TD1	O	CARRIER DETAILS (QUANTITY AND WEIGHT)	NOT USED
TD5	O	CARRIER DETAILS (ROUTING SEQUENCE/TRANSIT TIME)	NOT USED
TD3	O	CARRIER DETAILS (EQUIPMENT)	NOT USED
TD4	O	CARRIER DETAILS (SPECIAL HANDLING, OR HAZARDOUS)	NOT USED
MAN	O	MARKS AND NUMBERS	NOT USED

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SEGEMENT:               **LIN - ITEM IDENTIFICATION**

LEVEL:                    Detail

MAX USAGE/LOOPS:    200000/None

PURPOSE:               Specify basic item identification data

GENERAL INFORMATION:    This segment is used for the part number information such as Lear part number, purchase order, engineering level, model year.

EXAMPLE:                LIN\*\*BP\*05003670\*PO\*277634\*RY\*7\*EC\*12345        N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
LIN01	350	Assigned Identification	O AN 01/20	<b><u>not used</u></b>
LIN02	235	Product/Service Id Qualifier	M ID 02/02	"BP" = Buyer Part Number
LIN03	234	Product Service Id	M AN 01/30	Lear Part Number

LIN04    Provide 14 additional pairs of Product/Service ID Qualifiers and through Product/Service ID's to further describe the line item. The below LIN31 code list applies to each occurrence of data element 235 in these pairs.

- NOTE:    "CR" = Contract Number  
           "DR" = Drawing Revision Number  
           "EC" = Engineering Change Level  
           "ON" = Customer Order Number  
           "PL" = Purchase's Order Line Number  
           "PO" = Purchase Order Number  
           "RN" = Release Number  
           "RY" = Record Keeping Or Model Year  
           "VP" = Vendor's (Seller's) Part Number

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SEGMENT: **UIT - UNIT DETAIL**

LEVEL: Detail

MAX USAGE/LOOP: 1/None

PURPOSE: Specify item unit data

GENERAL INFORMATION: This segment indicates the unit of measure for all quantities relating to the line item.

EXAMPLE: UIT\*EA N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
UIT01	355	Unit Or Basis For Measurement Code	M ID 02/02	See list below

SAMPLE UNIT OF MEASURE CODES: EA = Each  
PK = Package  
CA = Case  
LO = Lot  
PL = Pallet

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SEGMENT:                   **PID – PRODUCT/ITEM DESCRIPTION**

LEVEL:                     Detail

MAX USAGE/LOOP:        1000/LIN

PURPOSE:                 Describe a product or process in coded or free-form  
format

GENERAL INFORMATION:    This segment is used to describe the Lear part number for  
this LIN loop.

EXAMPLE:                 PID\*F\*\*\*\*DESCRIPTION   N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
PID01	349	Item Description Type	M ID 01/01	"F" - Free Form
PID02	750	Product/Process Characteristic Code	O ID 02/03	<u>not used</u>
PID03	559	Agency Qualifier Code	X ID 02/02	<u>not used</u>
PID04	751	Product Description Code	X AN 01/12	<u>not used</u>
PID05	352	Product/Process Description	X AN 01/80	Lear Part Description

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SEGMENT:               **PRS – PART RELEASE STATUS**

LEVEL:                    Detail

MAX USAGE/LOOP:    1/LIN

PURPOSE:               Indicate the status of the part being ordered or forecast  
 with respect to this material release or planning  
 document.

EXAMPLE:                PRS\*9                                        N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
PRS01	682	Part Release Status Code	M ID 01/02	See note
PRS02	352	Description	O AN 01/80	See note

NOTE:                 CODE        CODE DESCRIPTION

                          3            Part Will Be Canceled at the Material Quantity.

                          4            Part is a carryover item from subsequent model year from  
 supplier.

                          7            Final Release for this Canceled Part.

                          8            Planning Quantity is Final Model Year Requirement. The  
 Part is a Non-Carry Over for Next Model Year.

                          9            Final Forecast for this Canceled Part.

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SEGMENT:                   **REF – REFERENCE IDENTIFICATION**

LEVEL:                     Detail

MAX USAGE/LOOP:       12/LIN

PURPOSE:                 Transmit identifying numbers associated with the item identified in the LIN record.

GENERAL INFORMATION:   This segment is used to identify the dock code or last bill of lading number processed.

EXAMPLES:                REF\*DK\*MAIN                               N/L  
REF\*BL\*1234567890                       N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
REF01	128	Reference Identification Qualifier	M ID 02/03	See note
REF02	127	Reference Identification	X AN 01/30	
REF03	352	Description	X AN 01/80	<u>not used</u>

NOTE:   "DK" = Dock Number  
           "KB" = Beginning Kanban Serial Number  
           "KE" = Ending Kanban Serial Number  
           "LF" = Line Feed Assembly Location  
           "RL" = Reserve Line Feed Assembly Location  
           "BL" = Bill Of Lading Number

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SEGMENT:                   **PER – ADMINISTRATIVE COMMUNICATIONS CONTACT**

LEVEL:                     Detail

MAX USAGE/LOOP:        3/LIN

PURPOSE:                 Identify a person or office to whom administrative communications should be directed.

GENERAL INFORMATION:   This segment is used to convey the name and telephone number of the person responsible for this part at the plant named in the header N1 ST segment.

EXAMPLE:                 PER\*EX\*MATERIALS DEPARTMENT\*TE\*6183371478            N/L  
                               PER\*EX\*RON MEYER\*TE\*6183371478                 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
PER01	366	Contact Function Code	M ID 02/02	"EX" - Expediter
PER02	93	Name (Free-Format)	O AN 01/35	
PER03	365	Communication Number Qualifier	X ID 02/02	"TE" - Telephone number
PER04	364	Communication Number	X AN 01/21	



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SEGMENT:     **SDP – SHIP/DELIVERY PATTERN**

LEVEL:             Detail/Optional

MAX USAGE/LOOP:   1/LIN/SDP   Repeat 260

PURPOSE:           Identify specific ship/delivery requirements

GENERAL INFORMATION:     This segment specifies what day of the week and/or a time frame during the day that a shipment is to be made.

EXAMPLES:           SDP\*Y\*Y   N/L   (no pattern)  
                       SDP\*1\*G   N/L   (ship once a month - first week, any shift)  
                       SDP\*D\*G   N/L   (ship weekly - monday, any shift)  
                       SDP\*N\*F   N/L   (refer to 862 transaction)

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
SDP01	678	Ship/Delivery Pattern Code	M ID 01/02	
SDP02	679	Ship/Delivery Pattern Time Code	M ID 01/01	
SDP03	678	Ship/Delivery Pattern Code	O ID 01/02	<u>not used</u>
SDP04	679	Ship/Delivery Pattern Time Code	O ID 01/01	<u>not used</u>
SDP05	678	Ship/Delivery Pattern Code	O ID 01/02	<u>not used</u>
SDP06	679	Ship/Delivery Pattern Time Code	O ID 01/01	<u>not used</u>
SDP07	678	Ship/Delivery Pattern Code	O ID 01/02	<u>not used</u>
SDP08	679	Ship/Delivery Pattern Time Code	O ID 01/01	<u>not used</u>

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SEGMENT: **FST - FORECAST SCHEDULE**

LEVEL: Detail

MAX UASGE/LOOP: 260/LIN/SDP

PURPOSE: Specify the forecasted dates and quantities

GENERAL INFORMATION: This segment is required, although it allows for time to be specified in addition to the date, locations using that level of scheduling will use the Shipping Schedule Transaction Set (862) to convey this information.

EXAMPLES: FST\*10\*B\*D\*950804 N/L  
 FST\*1366\*C\*W\*950804 N/L  
 FST\*12100\*C\*F\*950804 N/L  
 FST\*0\*Z\*Z\*950201 N/L (when there are no forecast quantities)

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
FST01	380	Quantity	M R 01/10	
FST02	680	Forecast Qualifier	M ID 01/01	"A" - Immediate "C" - Firm "D" - Planning "B" - Pilot "Z" - Used only when FST01=0
FST03	681	Forecast Timing Qualifier	M ID 01/01	"F" - Flexible "M" - Monthly "W" - Weekly "D" - Discrete "Z" - Used only when FST01=0

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SEGMENT:

**FST - FORECAST SCHEDULE - CONT'D**

FST04	373	Forecast Schedule Date	M DT 06/06	(YYMMDD) If FST02=A, Date material is to be shipped.  If FST03=D, Date the qty is due.  If FST03=M, the first Monday date of the month the quantity is due.  If FST03=W, the Monday date of the week the qty is due.
FST05	373	Date	O DT 06/06	<u>not used</u>
FST06	374	Date/Time Qualifier	X ID 03/03	<u>not used</u>
FST07	337	Time	X TM 04/08	<u>not used</u>
FST08	128	Reference Identification Qualifier	X ID 02/03	<u>not used</u>
FST09	127	Reference Identification	X AN 01/30	<u>not used</u>

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SEGMENT: **ATH – RESOURCE AUTHORIZATION**

LEVEL: Detail

MAX USAGE/LOOP: 20/LIN

PURPOSE: Specify resource authorizations (i.e., finished labor, material, etc.) in the Planning Schedule

GENERAL INFORMATION: This segment is used to authorize quantities to vendors for ordering raw material and finished product.

EXAMPLES: ATH\*PQ\*910804\*241511\*\*870814 N/L  
 ATH\*FI\*\*724573\*\*860101 N/L  
 ATH\*MT\*\*821654\*\*860101 N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
ATH01	672	Resource Authorization Code	M ID 02/02	"FI" - Finished Product "MT" - Raw Material "PQ" - Cumulative Quantity Required prior to first scheduled period
ATH02	373	Date	X DT 06/06	(YYMMDD) Required if ATH01="PQ". This date is the same as BFR06

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SEGMENT:

**ATH – RESOURCE AUTHORIZATION – CONT'D**

ATH03	380	Quantity	X R 01/10	<p>If ATH01 = 'PQ' Cumulative Quantity that is required prior to date in ATH02.</p> <p>If ATH01 = 'MT' Total Quantity Authorized for raw material through date given in ATH02.</p> <p>If ATH01 = 'FI' Total Quantity Authorized for finished product through date given in ATH02.</p>
ATH04	380	Quantity	O R 01/15	<b><u>not used</u></b>
ATH05	373	Date	X DT 06/06	<p>Required if ATH03 is used.</p> <p>If ATH01="PQ", this is beginning inventory date for this ultimate destination.</p> <p>Otherwise this is earliest beginning inventory date for any ultimate destination within this part/model year loop.</p>

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SEGMENT:                   **SHP - SHIPPED/RECEIVED INFORMATION**

LEVEL:                     Detail

MAX USAGE/LOOP:       25/LIN/SHP

PURPOSE:                 Specify shipment and/or receipt information

GENERAL INFORMATION:   This segment is used to give information on either the last shipment received/shipped, or the cumulative quantity received/shipped as of a certain date.

EXAMPLES:               SHP\*01\*856\*011\*970803    N/L  
SHP\*02\*12384\*051"970803  N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
SHP01	673	Quantity Qualifier	O ID 02/02	"01" - Discrete quantity last received "02" - Cumulative quantity received
SHP02	380	Quantity	X R 01/10	
SHP03	374	Date/Time Qualifier	X ID 03/03	"011" - Shipped "051" - Cumulative quantity start date
SHP04	373	Date	X DT 06/06	
SHP05	337	Time	X TM 04/08	<b><u>not used</u></b>
SHP06	373	Date	O DT 06/06	If SHP03 = 051 and SHP01 = 02, this is the cumulative qty end date
SHP07	337	Time	O TM 04/06	<b><u>not used</u></b>

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**SUMMARY SEGMENT DESCRIPTION TABLE**

<b>CTT</b>	<b>○</b>	<b>TRANSACTION TOTALS</b>
<b>SE</b>	<b>○</b>	<b>TRANSACTION SET TRAILER</b>

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SEGMENT:                   **CTT – TRANSACTION TOTALS**

LEVEL:                     Trailer

MAX USAGE/LOOPS:        1/None

PURPOSE:                  Transmit a hash total for a specific elements in the transaction set.

GENERAL INFORMATION:    Provide number of LIN segments and the sum of the values in the FST01 elements.

EXAMPLE:                  CTT\*14\*193999494                N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
CTT01	354	Number Of Line Items	M NO 01/06	Number of LIN segments
CTT02	347	Hash Totals	M R 01/10	Total of quantities from FST01
CTT03	81	Weight	X R 01/10	<u>not used</u>
CTT04	355	Unit Or Basis For Measurement Code	X ID 02/02	<u>not used</u>
CTT05	183	Volume	X R 01/08	<u>not used</u>
CTT06	355	Unit Or Basis For Measurement Code	X ID 02/02	<u>not used</u>
CTT07	352	Description	X AN 01/80	<u>not used</u>



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SEGMENT:                   **SE - TRANSACTION SET TRAILER**

LEVEL:                      Summary

MAX USAGE/LOOPS:        1/None

PURPOSE:                  Indicate the end of a transaction set and provide the count of the transmitted segments including the 'SE' and 'ST' segments.

EXAMPLE:                  SE\*5\*0001            N/L

<u>ELEM ID</u>	<u>ELEM#</u>	<u>NAME</u>	<u>ATTRIBUTES</u>	<u>COMMENTS</u>
SE01	96	Number Of Included Segments	M NO 01/10	Total number of segments
SE02	329	Transaction Set Control Number	M AN 04/09	Same as corresponding ST02