



ML Industries, Inc.

830 Planning Schedule with Release Capability

Document Control

Version

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Document History

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TABLE 1: DATA SEGMENT SEQUENCE FOR THE HEADING AREA

Seg. ID	NAME	REQ DES	MAX USE	LOOP REPEAT	NSA USE	NOTES
ST	TRANSACTION SET HEADER	M	1		YES	
BFR	BEGINNING SEGMENT FOR PLANNINGSCHEDULE	M	1		YES	
NTE	NOTE/SPECIAL INSTRUCTION	F	100		YES	
CUR	CURRENCY	0	1		NO	
REF	REFERENCE NUMBERS	0	12		NO	
PER	ADMINISTRATIVE COMMUNICATIONS CONTACT	0	3		NO	
TAX	SALES TAX REFERENCE	0	3		NO	
FOB	F.O.B. RELATED INSTRUCTONS	0	1		NO	
N1	NAME	0	1	N1/200	YES	
N2	ADDITIONAL NAME INFO.	0	2		NO	
N3	ADDRESS INFO.	0	2		NO	
N4	GEOGRAPHIC LOCATION	0	1		NO	
REF	REFERENCE NUMBERS	0	12		NO	
PER	ADMINISTRATIVE COMMUNICATIONS CONTACT	0	3		NO	
FOB	F.O.B. RELATED INSTRUCTIONS	0			NO	
CTP	PRICING INFO.	0	25		NO	
SSS	SPECIAL SERVICES	0	25		NO	
CSH	HEADER SALE CONDITION	0	1		NO	
ITD	TERMS OF SALE/DEFERRED TERMS OF SALE	0	2		NO	
DTM	DATE/TIME REFERENCE	0	1		YES	
PID	PRODUCT/ITEM DESCRIPTION	0	200		NO	
MEA	MEASUREMENTS	0	40		NO	
PWK	PAPERWORK	0	25		NO	
PKG	MARKING, PACKAGING, LOADING	0	25		NO	
TD!	CARRIERDETAILS (QTY AND WEIGHT)	0	2		NO	
TDS	CARRIERDETAIL (ROUTING SEQUENCE/TRANSMIT TIME)	0	12		NO	
TD3	CARRIERDETAILS (EQUIPMENT)	0	12		NO	
TD4	CARRIER DETAILS(SPECIAL HANDLING/HAZARDOUS MATLS)	0	5		NO	
MAN	MARKS AND NUMBERS	0	10		NO	

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SEGMENT: ST - TRANSACTION SET HEADER

LEVEL: HEADING

MAX USAGE/LOOPS: 1/NONE

PURPOSE: TO 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).

EXAMPLES: ST*830*994091616 \$

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
ST0!	143	TRANSACTION SET ID CODE	M ID 03/03	YES	USE "830" FOR PLANNING SCHEDULE WITH RELEASE CAPABILITY.
ST02	329	TRANSACTION SET CONTROL	MAN 04/09	YES	NSA USE: A UNIQUE CONTROL NUMBER (SAME AS SE02)

SEGMENT: BFR-BEGINNING SEGMENT (FORECAST/MATERIAL RELEASE)

LEVEL: HEADING

MAX USEAGE/LOOPS: 1/NONE

PURPOSE: TO INDICATE THE BEGINNING OF A PLANNING SCHEDULE TRANSACTION SET AND RELATED FORECAST DATES.

GENERAL INFORMATION: ELEMENT BF04 INDICATES WHETHER THE PLANNING SCHEDULE IS SHIPMENT OR DELIVER BASED.

EXAMPLES: BFR*05**90*DL*A*910930*910826 \$

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
BFR01	353	TRANSACTION SET PURPOSE	M ID 02/02	YES	NSA USE: DIRECT ONLY USE: '00'-ORIGINAL
BFR02	127	FORECAST ORDER NUMBER	CAN 01/30	NO	
BFR03	328	RELEASE NUMBER	CAN 01/30	YES	CURRENT RELEASE #
BFR04	675	FORECAST TYPE QUALIFIER	M ID 02/02	YES	NSA USE: "DL"-DELIVERY BASED.
BFR05	676	FORECAST QUANTITY QUALIFIER	M ID 01/01	YES	NSA USE: "A"=ACTUAL DISCRETE QUANTITIES

SEGMENT: BFR- BEGINNING SEGMENT (FORECAST/MATERIAL RELEASE)
(CONTINUED)

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
BFR06	373	FORECAST HORIZON START	MDT06/06	YES	HORIZON START DATE: THE DATE WHEN THE FORECAST HORIZON (ENVELOPE) IN YYMMDD FORMAT.
BFR07	373	FORECAST HORIZON END	MDT 06/06	YES	HORIZON END DATE: THE DATE WHEN THE FORECAST HORIZON (ENVELOPE) ENDS IN YYMMDD FORMAT.
BFR08	373	FORECAST GENERATION	MDT06/06	YES	THE FORECAST ISSUE DATE IN YYMMDD FORMAT.
BFR09	373	FORECAST UPDATED DATE	C DT 06/06	NO	
BFR10	367	CONTRACT NUMBER	0 AN 01/30	NO	
BFR11	324	PURCHASE ORDER NUMBER	0 AN 01/22	NO	

SEGMENT: NTE - NOTE

LEVEL: HEADING/OPTIONAL

MAX USAGE/LOOPS: 6/NONE

PURPOSE: TO PROVIDE INFORMATION IN A FREE FORM FORMAT THAT WOULD HAVE APPEARED AT THE BOTTOM OF THE PRINTED RELEASE SENT THROUGH THEMAIL.

GENERAL INFORMATION: A MAXIMUM OF 6 "NTE" SEGMENTS COULD BE CREATED, EACH CONTAINING FROM 1 TO 51 CHARACTERS. THIS SEGMENT IS ONLY USED WHEN IMPORTANT INFORMATION NOT CONTAINED IN THE OTHER SEGMENT TYPES MUST BE TRANSMITTED.

EXAMPLES: NTE*GEN*MAJOR 91 MODE LAUNCH MIX CHGS. ARE INCORPORATED IN \$
 NTE*GEN*THESE RELEASES. REVIEW SCHEDULES AT ONCE. IF YOU \$
 NTE*GEN*DETECT A SUPPLY PROBLEM ADVISE PROD. CONTROL OR \$
 NTE*GEN*PURCHASING AT ONCE. \$

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
NTE01	363	NOTE REFERENCE CODE	O ID 03/03 M ID 03/03	YES	NSA USE: "GEN-APPLIES TO ENTIRE TRANSACTION SET."
NTE02	3	FREE-FORM MESSAGE	MAN01/60 MAN 01/51	YES	

SEGMENT: NI- NONE

LEVEL: HEADING MAX

USAGE/LOOPS: 1/NI/200

PURPOSE: TO IDENTIFY A PARTY BY TYPE ORGANIZATION, NAME, AND CODE.

GENERAL THE NI LOOP IN THE HEADING AREA IS USED TO IDENTIFY THE RELEASE ISSUER AND THE SUPPLIER.

EXAMPLES: NI*MI**92**04000 \$
 NI*ST**92**10001AB \$
 NI*Sf*MLI SEATING**92*03103 \$

ELEM ID	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
NI01	98 ORGANIZATION IDENTIFIER	M ID 02/02	YES	NSA USE: "M!"=MATERIAL RELEASE ISSUER. "ST" = SHIP TO LOCATION "SF" = SHIP FROM
NI02	93 NAME	CAN 01/35		
NI03	66 ID CODE QUALIFIER	CID 01/02 M ID 02/02	YES	NSA USE: "92"= ASSIGNED BYBUYER
NI04	67 IDCODE	CID 02/17 M ID 05/07	YES	NSA USE: IF NIOI = "MI" THIS ELEMENT WOULD CONTAIN THE DUNS NUMBER ASSOCIATE WITH THE "ST" DESTINATION.

SEGMENT: DTM - DATE/TIME REFERENCE

LEVEL: HEADING/OPTIONAL

MAX USAGE/LOOPS: 1/NONE

PURPOSE: TO SPECIFY PERTINENT DATES AND TIMES

GENERAL INFORMATION: ONE DTM SEGMENT IN THE HEADING AREA IS MANDATORY TO PROVIDE RELEASE DATE AND TIME. USE DATE AND TIME WITH RELEASE ISSUER APPROPRIATE LOCAL TIME ZONE QUALIFIER.

EXAMPLES: DTM*01 | *940610*0945*ET \$

ELEM ID	#		ELEM NAME		AIAG NSA FEATURES	NSA USE	CO
DTM01	374	DATE/TIME QUALIFIER	M ID 03/03	YES	NSA USE: "011" = LOCAL DATE AND TIME RELEASE ISSUED		
DTM02	373	DATE	MDT 06/06	YES	(YYMMDD)		
DTM03	337	TIME	MTMO4/04	YES	(HHMM) 24 HOUR CLOCK TIME IS ACCECPTABLE, WITH APPROPRIATE TIME ZONE QUALIFIER		
DTM04	623	TIME ZONE QUALIFIER	M ID 02/02	NO			

TABLE 2: DATA SEGMENT SEQUENCE FOR THE DETAIL AREA

SEG ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT	NSA USE	NOTES
LIN	ITEM IDENTIFICATION DETAIL	M		LIN/10000	YES	
UIT	UNITDETAIL	M			YES	
CUR	CURRENCY	O			NO	
SLN	SUBLINE ITEM DETAIL	O	1	SLN/100	NO	
PID	PRODUCT/ITEM DESCRPTION	O	1000		NO	
P03	ADDITIONAL ITEM DETAIL	O	25		NO	
CTP	PRJCING INFORMATION	O	25		NO	
PID	PRODUCT ITEM DESCRPTION	O	1000		YES	
MEA	MEASUREMENTS	O	40		NO	
PWK	PAPERWORK	O	25		NO	
PKG	MARKING, PAACKAGING, LOADING	O	25		NO	
PO4	ITEM PHYSICAL DETAILS	O	1		NO	
PRS	PART RELEASE STATUS	O	1		NO	
REF	REFERENCE NUMBERS	O	12		YES	
PER	ADMINISTRATIVE CONTACT	O	3		YES	
SSS	SPECIAL SERVICES	O	25		NO	
ITA	ALLOWANCE, CHARGE OR SERVICE	O	10		NO	
ITD	TERMS OF SALE/DEFERRED TERMS OFSALE	O	2		NO	
TAX	SALES TAX REFERENCE	O	3		NO	
FOB	F.O.B. RELATED INSTRUCTIONS	O	1		NO	
NI	NAME	O	1	NI/200	NO	
N2	ADDITIONAL NAME INFORMATION	O	2		NO	
N3	ADDRESS	O	2		NO	
N4	GEOGRAPHIC LOCATION	O	1		NO	
REF	REFERENCE NUMBERS	O	2		NO	
PER	ADMINISTRATIVE COMMUNICATIONS CONTACT	O	3		NO	
FOB	F. O. B. RELATED INSTRUCTIONS	O			NO	
FST	FORECASTSCHEDULE	O			NO	
SDP	SHIP/DELIVERY PATTERN	O	1		YES	
FST	FORECASTSCHEDULE	O	15		YES	
SDQ	DESTINATION QUANTITY	O	50		NO	
ATH	RESOURCE AUTHORIZATION	O	3		YES	

TABLE 2: DATA SEGMENT SEQUENCE FOR THE DETAIL AREA (CONTINUED)

SEG. ID	NAME	REQ. DES	MAX USE	LOOP REPEAT	NSA USE	NOTES
SHP REF	SHIPPED/RECEIVED INFORMATION REFERENCE NUMBERS	O O	1 5	SHP/25	YES NO	
TD!	CARRIER DETAIL (QUANTITY & WEIGHT)	O			NO	
TDS	CARRIER DETAILS (ROUTING SEQUENCE TRANSMIT TIME)	O	12		NO	
TD3	CARRIER DETAILS(EQUIPMENT)	O	12		NO	
TD4	CARRIERDETAILS (SPECIAL HANDLING/HAZARDOUS MATERIALS)	O	5		NO	
MAN	MARKS AND NUMBERS	O	10		NO	

SEGMENT: LIN - ITEM IDENTIFICATION DETAIL

LEVEL: DETAIL

MAX USAGE/LOOPS: 1/LIN/10,000

PURPOSE: TO SPECIFY BASIC ITEM IDENTIFICATION DATA.

GENERAL INFORMATION: THIS SEGMENT IS USED FOR PART NUMBER INFORMATION.

EXAMPLES: LIN*BP*05003670*PO*P000035\$

ELEM ID	QTY	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
LIN01	350	ASSIGNED IDENTIFICATION	O AN 01/06	NO	
LIN02	235	PRODUCT ID QUALIFIER	M ID 02/02	YES	NSA USE: "BP" = BUYER'S PARTNUMBER
LIN03	234	PRODUCTID	MANO!/30	YES	NSA'SPARTNUMBER
LIN04	235	PRODUCT ID QUALIFIER	O ID 02/02	YES	SEE NOTE BELOW
LIN05	234	PRODUCTID	CAN 01/30	YES	P.O.(Manifest #)
LIN06 THRU LIN31 THESE DATA ELEMENTS PROVIDE 13 ADDITIONAL PRODUCT/SERVICE ID QUAL (235) PRODUCT/SERVICE ID (234) PAIRS.					

NOTE: BEGINNING WITH LIN04, NSA MAY SEND THE FOLLOWING CODES FOR ELEMENT 235:

"PO" = PURCHASE ORDER NUMBER(Manifest #)
 "RY" = MODEL YEAR RELEASE
 "EC" = ENGINEERING CHANGE LEVEL
 "RC" = RETURNABLE CONTAINER

SEGMENT: UIT- UNIT DETAIL

LEVEL: DETAIL /OPTIONAL

MAX USAGE/LOOPS: 1/LIN

PURPOSE: TO SPECIFY ITEM UNIT DATA

GENERAL INFORMATION: TRIS SEGMENT INDICATES THE UNIT OF MEASURE FOR ALL QUANTITIES RELATING TO THE LINE ITEM.

EXAMPLES: UIT*EA \$ (GENERAL USE)

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
UIT01	355	UNIT OF MEASURE CODE	MID 02/02	YES	GENERAL USE: "EA" = EACH "YD"=YARDAGE

SEGMENT: PID - PRODUCT/ITEM DESCRIPTION

LEVEL: DETAIL

MAX USAGE/LOOPS: 1000/LIN

PURPOSE: TO DESCRIBE A PRODUCTOR ITEM IN CODED OR FREE-FORM FORMAT.

EXAMPLES: PID*F****DESCRIPTION \$

ELEM	ELEM	AIAG	NSA	NSA	
ID	#	NAME	FEATURES	USE	COMMENTS
PID0!	349	ITEM DESCRIPTION TYPE	M ID 01/01	YES	NSA USE: "F" =FREE-FORM
PID02	750	PRODUCT CHARACTERISTIC	O ID 02/03	NO	
PID03	348	ITEM DESCRIPTION	CID 01/07	NO	
PID04	751	PRODUCT DESCRIPTION	CID 01/07	NO	
PID05	352	DESCRIPTION	CAN 01/80	YES	NSA PART DESCRIPTION

SEGMENT: REF - REFERENCE NUMBERS

LEVEL: DETAIL

MAX USAGE/LOOPS: 12/N1

PURPOSE: TO TRANSMIT IDENTIFYING NUMBERS ASSOCIATED WITH THE NAMED PARTY.

GENERAL INFORMATION: THE DOCK CODE IS THE CODE IDENTIFYING THE DOCK THIS PART IS TO BE UNLOADED AT FOR THE PLANT SPECIFIED.

EXAMPLES: REF*DK*MAIN \$
REF*LF*0001 \$
REF*RL*25HI \$

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
REF01	128	REFERENCE NUMBER	M ID 02/02	YES	NSA USE: "DK"=DOCK CODE "LF" =LINE FEED "RL" =DROP POINT "BL" =LAST BOL NUMBER
REF02	127	REFERENCE NUMBER	CAN 01/30	YES	

SEGMENT: PER-ADMINISTRATIVE COMMUNICATIONS CONTACT

LEVEL: DETAIL

MAX USAGE/LOOPS: 3/LIN

PURPOSE: TO IDENTIFY A PERSON OR OFFICE TO WHOM ADMINISTRATIVE COMMUNICATIONS SHOULD BE DIRECTED.

GENERAL INFORMATION: THIS SEGMENT IS USED TO CONVEY INFORMATION ABOUT THE CONTACT PERSON.

EXAMPLES: PER*EX*CONTACT USING PLANT*TE*7656594781 \$
 PER*EX*JOHN DOE*TE7656594781 \$

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
PER01	366	CONTACT FUNCTION CODE	MID 02/02	YES	NSA USE: "EX"=EXPEDITOR
PER02	93	NAME	O ID 01/35 MANO1/19	YES	NSA USE: THE NAME OF THE CONTACTPERSON
PER03	365	COMMUNICATION NUMBER QUALIFIER	O ID 02/02 M ID 02/02	YES	NSA USE: "TE" = TELEPHONE NUMBER
PER04	364	COMMUNICATION NUMBER	CAN 07/21 MAN 10/10	YES	NSA USE: THE TELEPHONE NUMBER OF THE CONTACT PERSON

SEGMENT: SDP - SHIP/DELIVERY PATTERN

LEVEL: DETAIL /OPTIONAL

MAX USAGE/LOOPS: 1/SDP/260/LIN

PURPOSE: TO 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 \$ (NO PATTERN)
SDP*1 *G \$ (SHIP ONCE A MONTH - 1" WEEK, ANY SHIFT)
SDP*D*G \$ (SHIP WEEKLY -MONDAY, ANY SHIFT)
SDP*N*F \$ (REFER TO 862 TRANSACTION)

ELEM ID	ELEM ID	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
SDP01	678	SHIPDELIVERYPATTERN	M ID 01/02 M ID 01/01	YES	THE NSA SHIP CODE IS CONVERTED TO THE APPROPRIATE ANXI X12 CODE FOR THIS ELEMENT.

IF NO SPECIFIC SHIP/DELIVERY PATTERN INFORMATION IS TO BE CONVEYED, ACODE VALUE OF "Y" = NONE WILL BE USED.

ACODE VALUE OF "N" = AS DIRECTED WILL BE USED.

SEE THE ANSI/X12 DATA DICTIONARY FOR OTHER VALID CODES AND THEIR MEANINGS. SDP02

679	SHIP/DELIVERYPATTERN	M ID 01/01	YES	"G" = ANY SHIFT. THIS CODE IS USED ONLY WHEN SPECIFIC SHIP /DELIVERY INFORMATION IS BEING USED.
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NOTE: SDP03 THROUGH SDP08 PROVIDE 3 ADDITIONAL PAIRS OF SHIP/DELIVERY PATTERN(678) AND SHIP/DELIVERY PATTERN TIME (679). NOT USED BY NSA.

SEGMENT: FST - FORECAST SCHEDULE

LEVEL: DETAIL

MAX USAGE/LOOPS: 260/SDP

PURPOSE: TO SPECIFY THE FORECASTED DATES AND QUANTITIES.

GENERAL INFORMATION: THIS SEGMENT IS MANDATORY AND SPECIFIES FORECASTS ALONG WITH FORECAST QUANTITIES FOR SCHEDULING.

EXAMPLES: FST*10*B*D*900325 \$
FST*1366*C*W*900926 \$
FST*12100*C*F*910301*910331 \$
FST*12*A*F*901128*910216***RE*32131 \$
FST*0*Z*Z*900826 \$ (WHEN THERE ARE NO FORECAST QUANTITIES)

ELEM ID	///	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
FST01	380	QUANTITY	MRO1/10 MR 01/08	YES	THE ACTUAL DISCRETE QTY.
FST02	680	FORECAST QUALIFIER	M ID 01/01	YES	NSA USE: "A"= IMMEDIATE "B" = PILOT/PRE-VOLUME "C" = FIRM "D" = PLANNING "Z" = MUTUALLY DEFINED (USED ONLY WHEN FST01=0)
FST03	681	FORECAST TIMING	M ID 01/01	YES	NSA USE: "W" = WEEKLY "D" = DISCRETE "F" = FLEXIBLE "M" = MONTHLY "Z" = MUTUALLY DEFINED (USED ONLY WHEN FST01 =0)

SEGMENT: FST - FORECAST SCHEDULE (CONTINUED)

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
FST04	373	DATE	MDT 06/06	YES	<p>GENERAL USE IN YYMMDD FORMAT IF FST02 = "A", THE DATE THAT THE MATERIAL IS TO BE SHIPPED.</p> <p>IF FST03 = "D", THE DATE THE QTY IS DUE.</p> <p>IF FST03 = "F", THE FIRST DAY OF THE ORDER PERIOD.</p> <p>IF FST03 = "M", THE FIRST MONDAY DATE OF THE MONTH THE QTY IS DUE.</p> <p>IF FST03 = "W", THE MONDAY DATE OF THE WEEK THE QTY IS DUE.</p> <p>IF FST03 = "Z", THE FORECAST ISSUE DATE (SAME AS BFR08)</p>
FST05	374	DATE/TIME QUALIFIER	C TM 04/03	NO	
FST06	337	TIME	O ID 04/04	NO	
FST07	128	REFERENCENUMBER QUALIFIER	O ID 02/02	NO	
FST08	127	REFERENCE NUMBER	CAN 01/30	NO	

SEGMENT: ATH - RESOURCE AUTHORIZATION
 LEVEL: DETAIL
 MAX USAGE/LOOPS: 20/LIN
 PURPOSE: TO SPECIFY RESOURCE AUTHORIZATIONS (!.E., FINISHED LABOR, MATERIAL, ETC.) IN THE PLANNING SCHEDULE.

EXAMPLES: ATH*PQ*91073I*241511 **870814 \$
 ATH*FI**724573**860101 \$
 ATH*MT**821654**860101 \$

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
ATH01	672	RESOURCE AUTHORIZATION	M ID 02/02	YES	NSA USE: "PQ" = CUMULATIVE QTY REQUIRED PRIOR TO FIRST SCHEDULED PERIOD "FI" = FINISHED (FAB) "MT" = MATERIAL (RAW)
ATH02	373	DATE	C DT 06/06	YES	REQUIRED IF ATH01 = "PQ", THIS DATE IS THE SAME AS BFR06.
ATH03	380	QUANTITY	C R 01/10	YES	
IF ATH01 = "PQ" CUMULATIVE QTY THAT HAS BEEN AUTHORIZED FROM START DATE (ATH03) THROUGH END DATE (ATH02).					
IF ATH01 = "FI" SUM TOTAL OF "FAB" AUTHORIZATION FOR ALL ULTIMATE DESTINATION LOCATIONS WITHIN THIS PART/MODEL YEAR LOOP.					
IF ATH01 = "MT" SUM TOTAL OF "RAW" AUTHORIZATION FOR ALL ULTIMATE DESTINATIONS WITHIN THIS PART/MODEL YEAR LOOP.					
ATH04	380	QUANTITY	O R 01/10	NO	
ATH05	373	DATE	C DT 06/06 M DT 06/06	YES	REQUIRED IF ATH03 IS USED. IF ATH01 = "PQ", "BEGINNING INVENTORY DATE" FOR THIS ULTIMATE DESTINATION. IF ATH01 = "FI" OR "MT" THE EARLIEST "BEGINNING INVENTORY DATE" FOR ANY ULTIMATE DESTINATION WITHIN THIS PART/MODEL YEAR LOOP.

SEGMENT: SHP- SHIPPED/RECEIVED INFORMATION

LEVEL: DETAIL

MAX USAGE/LOOPS: 1/SHP/25/LIN

PURPOSE: TO 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 QTY (CQ) RECEIVED/SHIPPED TO DATE.

EXAMPLES: SHP*01*856*011*900819 \$
SHP*02*12384*051*900131*900819 \$

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
SHP01	673	QUANTITY QUALIFIER	0 ID 02/02 M ID 02/02	YES	NSA USE: "01" =DISCRETE QTY (NSA LAST SHIPPED QTY.) "02" = CUM QUANTITY (NSA YTD SHIPPED QTY)
SHP02	380	QUANTITY	C ROI/10 MROI/08	YES	FOR SHP01
SHP03	374	DATE/TIME QUALIFIER	O ID 03/03 M ID 03/03	YES	NSA USE: IF SHP01 = "01", USE "011" = SHIPPED ON THIS DATE/TIME IF SHP01 = "02", USE "051" = CUM QTY START DATE.
SHP04	373	DATE	C DT 06/06 MDTO6/06	YES	IF SHP01 = "01", THIS IS "SUPPLIER LAST SHIP DATE" FROM NSA. IF SHP01 = "02", THIS IS BEGINNING INVENTORY "DATE" FOR THIS ULTIMATE DESTINATION.
SHP05	337	TIME	OTMO4/04	NO	

SEGMENT:

SHP- SHIPPED/RECEIVED INFORMATION (CONTINUED)

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
SHP06	373	DATE	C DT 06/06	YES	ONLY USED IF SHP0I = "02" THEN THIS IS THE "SUPPLIER LAST SHIP DATE" PROM NSA.
SHP07	337	TIME	O TM 04/04	NO	

TABLE 3: DATA SEGMENT SEQUENCE FOR THE SUMMARY AREA

SEG ID	NAME	REQ DES.	MAX USE	LOOP REPEAT	NSA USE	NOTES
CTT	TRANSACTION TOTALS	M	1		YES	NOTE!
SE	TRANSACTION SET TRAILER	M	1		YES	

NOTE 1: 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: CTT-TRANSACTION TOTALS

LEVEL: SUMMARY

MAX USAGE/LOOPS: 1/NONE

PURPOSE: TO TRANSMIT HASH TOTALS FOR "LIN" SEGMENTS AND FOR THE QUANTITIES APPEARING IN ELEMENT "FST01" WITHIN THIS TRANSACTION SET.

GENERAL THIS SEGMENT ALLOWS THE RECEIVER TO PERFORM CHECKS FOR COMPLETENESS AND CORRECTNESS OF THIS TRANSACTION SET.

EXAMPLES: CTT*15*298335

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
CTT01	354	NUMBER OF LINE ITEMS	MNOOI/06	YES	TOTAL NUMBER OF "LIN" SEGMENTS
CTT02	347	HASHTOTALS	O R 01/10	YES	GENERAL USE: THE HASH TOTAL OF ALL QTYS RELEASED (FST01).
CTT03	81	WEIGHT	O R 01/08	NO	
CTT04	355	UNIT OF MEASURE CODE	CID 02/02	NO	
CTT05	183	VOLUME	O R 01/08	NO	
CTT06	355	UNIT MEASURE CODE	CID 02/02	NO	
CTT07	352	DESCRIPTION	OAN 01/80	NO	

SEGMENT: SE - TRANSACTION SET TRAILER

LEVEL: SUMMARY

MAX USAGE/LOOPS: 1/NONE

PURPOSE: TO INDICATE THE END OF THE TRANSACTION SET AND PROVIDE THE COUNT OF TRANSMITTED SEGMENTS INCLUDING THE BEGINNING "ST" AND ENDING "SE" SEGMENTS.

GENERAL INFORMATION: THE TRANSACTION SET CONTROL NUMBER VALUE IN THIS TRAILER MUST MATCH THE SAME ELEMENT VALUE IN THE TRANSACTION SET HEADER.

EXAMPLES: SE*372*994091616 \$

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
SE01	96	NUMBER OF INCLUDED SEGMENTS	MNO 01/06	YES	THE TOTAL OF ALL SEGMENTS IN THE TRANSACTION SET, INCLUDING THE "ST" AND "SE" SEGMENTS.
SE02	329	TRANSACTION SET CONTROL NUMBER	MANO4/09 MANO9/09	YES	SAME AS "ST02"

TRANSLATION SEGMENT MAP
SEGMENT SEQUENCE

TRANSLATION FORMAT: 830 S/R: S DOCUMENT ID: 830 SUMMARY PRINT: N MAXIMUM

Hash total summed without regard to decimal points or signs: n
Occurrence count syntax will be checked.

Standards Version ID: 00301 0 Version: 002 Release: 600 Association: *NONE

User file definition: 000 SUPPLIER RELEASE 830 DOCS

SEQ NBR	AREA	SEG	LOOPS	SEGMENT DESCRIPTION
1	H	ST		TRANSACTION SET HEADER
2	H	BFR		BEGINNING SEGMENT (PLANNING SCHEDULE)
3	H	NTE*		NOTE/SPECIAL INSTRUCTION
4	H	NI* ----+		NAME
5	H	DTM		DATE/TIME REFERENCE
6	D	LIN -----+		ITEM IDENTIFICATION DETAIL
7	D	UIT		UNITDETAIL
8	D	PID		PRODUCT/ITEM DESCRIPTION
9	D	REF*		REFERENCE NUMBERS
10	D	PER		ADMINISTRATIVE COMMUNICATIONS CONTACT
11	D	SDP ----+		SHIP/DELIVERY PATTERN
12	D	FST*----+		FORECASTSCHEDULE
13	D	ATH*		RESOURCE AUTHORIZATION
14	D	SHP* ----++		SHIPPED/RECEIVED INFORMATION
15	S	CTT		TRANSACTION TOTALS
16	S	SE		TRANSACTION SET TRAILER

830 DOCUMENT EXAMPLE

ST*830*4350001

BFR*00**47*DL*A*060710*060925*060710

NTE*GEN*WEEKLY RELEASES

NI*MI*MLI SEATING*92*186598454

NI*SF*SUPPLIER NAME*92*8159659707

NI*ST*MLI SEATING*92*186598454

DTM*011*060710*1240

LIN**BP*SUPPLIER PART#*PO*PO#

UIT*EA

PID*F***PART DESCRIPTION

REF*BL*83333

PER*EX*CONTACT NAME*TE*7656594781

SDP*Y*F

FST*0*C*W*060710

FST*I000*C*W*060717

FST*0*C*W*060724

FST!*000*C*W*060731

FST!*000*C*W*060807

FST*0*C*W*060814

FST*0*C*W*060821

FST*I000*C*W*060828

FST*0*C*W*060904

FST*I000*C*W*060911

FST*0*D*W*060918

FST*0*D*W*060925

ATH*PQ*060710*45790

ATH*FI**48790**060814

ATH*MT**50790**060911

SHP*01*I000*011*060623

SHP*02*45790*051*060710

LIN**BP*SUPPLIER PART #*PO*PO#

UIT*EA

PID*F****PART DESCRIPTION

REF*BL *83334

PER*EX*CONTACT NAME*TE*7656594781

SDP*Y*F

FST*0*C*W*060710

FST*0*C*W*060717

FST*1400*C*W*060724

FST*0*C*W*060731

FST*1400*C*W*060807

FST*0*C*W*060814

FST*0*C*W*060821

FST*0*C*W*060828

FST*0*C*W*060904

FST*0*C*W*060911

FST*0*D*W*060918

FST*0*D*W*060925

ATH*PQ*060710*448460

ATH*FI**451260**060814

ATH*MT**451260**060911

SHP*01*I400*011*060623

SHP*02*448460*051*060710

CTT*3

SE*78*43500

