

# NHK SEATING OF AMERICA CONVENTIONS

## **MATERIAL RELEASE (830) INTRODUCTION**

This convention provides the format and establishes the data contents of a planning schedule with 830 release capability transaction set. The planning schedule with release capability transaction set provides for customary and established business practice relative to the transfer of forecasting/material release information between NSA and the supplying vendor.

NSA uses the (830) Material Release as the buyer's authorization for the seller to commit to resources, such as labor or material, period-to-date cumulative quantities, and ship/delivery patterns requirements that have been represented in "buckets," such as weekly and monthly.

The following NSA formats are similar to AIAG Version 003010.

## NHK SEATING OF AMERICA

TABLE 1: DATA SEGMENT SEQUENCE FOR THE HEADING AREA

<u>Seg.</u> <u>ID</u>	<u>NAME</u>	<u>REQ</u> <u>DES</u>	<u>MAX</u> <u>USE</u>	<u>LOOP</u> <u>REPEAT</u>	<u>NSA</u> <u>USE</u>	<u>NOTES</u>
ST	TRANSACTION SET HEADER	M	1		YES	
BFR	BEGINNING SEGMENT FOR PLANNING SCHEDULE	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	1		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	
TD1	CARRIER DETAILS (QTY AND WEIGHT)	0	2		NO	
TD5	CARRIER DETAIL (ROUTING SEQUENCE/TRANSMIT TIME)	0	12		NO	
TD3	CARRIER DETAILS (EQUIPMENT)	0	12		NO	
TD4	CARRIER DETAILS(SPECIAL HANDLING/HAZARDOUS MATLS)	0	5		NO	
MAN	MARKS AND NUMBERS	0	10		NO	

# NHK SEATING OF AMERICA

## TABLE OF CONTENTS

TABLE 1:	DATA SEGMENT SEQUENCE FOR THE HEADING AREA	01
	ST -Transaction Set Header	02
	BFR -Beginning Segment(Forecast/Material Release)	03/04
	NTE -Note	05
	N1 -Name	06
	DTM -Date/Time	07
TABLE 2:	DATA SEGMENT SEQUENCE FOR THE DETAIL AREA	08/09
	LIN -Item Identification Detail	10
	UIT -Unit Detail	11
	PID -Product/Item Description	12
	PER -Administrative Communications Contact	13
	REF -Reference	14
	SDP -Ship/Delivery Pattern	15
	FST -Forecast Schedule	16/17
	ATH -Resource Authorization	18
	SHP -Shipped/Received Information	19/20
TABLE 3:	DATA SEGMENT SEQUENCE FOR THE SUMMARY AREA	21
	CTT -Transaction Totals	22
	SE -Transaction Set Trailer	23
EXAMPLES 1:	DATA SAMPLES	

NHK SEATING OF AMERICA

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 \$

<u>ELEM ID</u>	<u>#</u>	<u>ELEM NAME</u>	<u>AIAG NSA FEATURES</u>	<u>NSA USE</u>	<u>COMMENTS</u>
ST01	143	TRANSACTION SET ID CODE	<u>M ID 03/03</u>	YES	USE "830" FOR PLANNING SCHEDULE WITH RELEASE CAPABILITY.
ST02	329	TRANSACTION SET CONTROL	<u>M AN 04/09</u>	YES	NSA USE: A UNIQUE CONTROL NUMBER (SAME AS SE02)

NHK SEATING OF AMERICA

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 \$

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

## NHK SEATING OF AMERICA

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

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

## NHK SEATING OF AMERICA

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 THE MAIL.

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. \$

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

## NHK SEATING OF AMERICA

SEGMENT: N1- NONE

LEVEL: HEADING

MAX USAGE/LOOPS: 1/N1/200

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

GENERAL THE N1 LOOP IN THE HEADING AREA IS USED TO IDENTIFY THE RELEASE ISSUER AND THE SUPPLIER.

EXAMPLES: N1\*MI\*\*92\*\*0400 \$  
 N1\*ST\*\*92\*\*10001AB \$  
 N1\*Sf\*NHK SEATING\*\*92\*03103 \$

<u>ELEM ID</u>	<u>#</u>	<u>ELEM NAME</u>	AIAG NSA <u>FEATURES</u>	NSA <u>USE</u>	<u>COMMENTS</u>
N101	98	ORGANIZATION IDENTIFIER	<u>M ID 02/02</u>	YES	NSA USE: "MI"=MATERIAL RELEASE ISSUER. "ST" = SHIP TO LOCATION "SF" = SHIP FROM
N102	93	NAME	<u>C AN 01/35</u>		
N103	66	ID CODE QUALIFIER	<u>C ID 01/02</u> <u>M ID 02/02</u>	YES	NSA USE: "92"= ASSIGNED BY BUYER
N104	67	ID CODE	<u>C ID 02/17</u> <u>M ID 05/07</u>	YES	NSA USE: IF N101 = "MI" THIS ELEMENT WOULD CONTAIN THE DUNS NUMBER ASSOCIATE WITH THE "ST" DESTINATION.



NHK SEATING OF AMERICA

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\*011\*940610\*0945\*ET \$

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

# NHK SEATING OF AMERICA

**TABLE 2: DATA SEGMENT SEQUENCE FOR THE DETAIL AREA**

<u>SEG ID</u>	<u>NAME</u>	<u>REQ. DES.</u>	<u>MAX USE</u>	<u>LOOP REPEAT</u>	<u>NSA USE</u>	<u>NOTES</u>
LIN	ITEM IDENTIFICATION DETAIL	M	1	LIN/10000	YES	
UIT	UNIT DETAIL	M	1		YES	
CUR	CURRENCY	O	1		NO	
SLN	SUBLINE ITEM DETAIL	O	1	SLN/100	NO	
PID	PRODUCT/ITEM DESCRIPTION	O	1000		NO	
P03	ADDITIONAL ITEM DETAIL	O	25		NO	
CTP	PRICING INFORMATION	O	25		NO	
PID	PRODUCT ITEM DESCRIPTION	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 OF SALE	O	2		NO	
TAX	SALES TAX REFERENCE	O	3		NO	
FOB	F.O.B. RELATED INSTRUCTIONS	O	1		NO	
N1	NAME	O	1	N1/200	NO	
N2	ADDITIONAL NAME INFORMATION	O	2		NO	
N3	ADDRESS	O	2		NO	
N4	GEOGRAPHIC LOCATION	O	1		NO	
REF	REFERENCE NUMBERS	O	12		NO	
PER	ADMINISTRATIVE COMMUNICATIONS CONTACT	O	3		NO	
FOB	F. O. B. RELATED INSTRUCTIONS	O	1		NO	
FST	FORECAST SCHEDULE	O	1		NO	
SDP	SHIP/DELIVERY PATTERN	O	1		YES	
FST	FORECAST SCHEDULE	O	15		YES	
SDQ	DESTINATION QUANTITY	O	50		NO	
ATH	RESOURCE AUTHORIZATION	O	3		YES	

NHK SEATING OF AMERICA

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

<u>SEG. ID</u>	<u>NAME</u>	<u>REQ. DES</u>	<u>MAX USE</u>	<u>LOOP REPEAT</u>	<u>NSA USE</u>	<u>NOTES</u>
SHP	SHIPPED/RECEIVED INFORMATION	O	1	SHP/25	YES	
REF	REFERENCE NUMBERS	O	5		NO	
TD1	CARRIER DETAIL (QUANTITY& WEIGHT)	O	1		NO	
TD5	CARRIER DETAILS (ROUTING SEQUENCE TRANSMIT TIME)	O	12		NO	
TD3	CARRIER DETAILS (EQUIPMENT)	O	12		NO	
TD4	CARRIER DETAILS (SPECIAL HANDLING/HAZARDOUS MATERIALS)	O	5		NO	
MAN	MARKS AND NUMBERS	O	10		NO	

NHK SEATING OF AMERICA

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\$

<u>ELEM ID</u>	<u>#</u>	<u>ELEM NAME</u>	<u>AIAG NSA FEATURES</u>	<u>NSA USE</u>	<u>COMMENTS</u>
LIN01	350	ASSIGNED IDENTIFICATION	<u>O AN 01/06</u>	NO	
LIN02	235	PRODUCT ID QUALIFIER	<u>M ID 02/02</u>	YES	NSA USE: "BP" = BUYER'S PART NUMBER
LIN03	234	PRODUCT ID	<u>M AN 01/30</u>	YES	NSA'S PART NUMBER
LIN04	235	PRODUCT ID QUALIFIER	<u>O ID 02/02</u>	YES	SEE NOTE BELOW
LIN05	234	PRODUCT ID	<u>C AN 01/30</u>	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

NHK SEATING OF AMERICA

SEGMENT: UIT - UNIT DETAIL

LEVEL: DETAIL / OPTIONAL

MAX USAGE/LOOPS: 1/LIN

PURPOSE: TO SPECIFY ITEM UNIT DATA

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

EXAMPLES: UIT\*EA \$ (GENERAL USE)

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

NHK SEATING OF AMERICA

SEGMENT: PID - PRODUCT/ITEM DESCRIPTION  
 LEVEL: DETAIL  
 MAX USAGE/LOOPS: 1000/LIN  
 PURPOSE: TO DESCRIBE A PRODUCT OR ITEM IN CODED OR FREE-FORM FORMAT.  
 EXAMPLES: PID\*F\*\*\*DESCRIPTION \$

<u>ELEM ID</u>	<u>#</u>	<u>ELEM NAME</u>	<u>AIAG NSA FEATURES</u>	<u>NSA USE</u>	<u>COMMENTS</u>
PID01	349	ITEM DESCRIPTION TYPE	<u>M ID 01/01</u>	YES	NSA USE: "F" =FREE-FORM
PID02	750	PRODUCT CHARACTERISTIC	<u>O ID 02/03</u>	NO	
PID03	348	ITEM DESCRIPTION	<u>C ID 01/07</u>	NO	
PID04	751	PRODUCT DESCRIPTION	<u>C ID 01/07</u>	NO	
PID05	352	DESCRIPTION	<u>C AN 01/80</u>	YES	NSA PART DESCRIPTION

NHK SEATING OF AMERICA

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\*25H1 \$

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

NHK SEATING OF AMERICA

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\*TE\*7656594781 \$

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



NHK SEATING OF AMERICA

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<sup>ST</sup> WEEK, ANY SHIFT)  
 SDP\*D\*G \$ (SHIP WEEKLY - MONDAY, ANY SHIFT)  
 SDP\*N\*F \$ (REFER TO 862 TRANSACTION)

ELEM ID	#	ELEM NAME	AIAG NSA FEATURES	NSA USE	COMMENTS
SDP01	678	SHIP DELIVERY PATTERN	<u>M ID 01/02</u> 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,  
 A CODE VALUE OF "Y" = NONE WILL BE USED.  
 A CODE VALUE OF "N" = AS DIRECTED WILL BE USED.

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

SDP02	679	SHIP/DELIVERY PATTERN	<u>M ID 01/01</u>	YES	"G" = ANY SHIFT. THIS CODE ID 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.

NHK SEATING OF AMERICA

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)

<u>ELEM ID</u>	<u>#</u>	<u>ELEM NAME</u>	AIAG NSA <u>FEATURES</u>	NSA <u>USE</u>	<u>COMMENTS</u>
FST01	380	QUANTITY	<u>MR 01/10</u> MR 01/08	YES	THE ACTUAL DISCRETE QTY.
FST02	680	FORECAST QUALIFIER	<u>M ID 01/01</u>	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	<u>M ID 01/01</u>	YES	NSA USE: "W" = WEEKLY "D" = DISCRETE "F" = FLEXIBLE "M" = MONTHLY "Z" = MUTUALLY DEFINED (USED ONLY WHEN FST01 =0)

NHK SEATING OF AMERICA

SEGMENT: FST - FORECAST SCHEDULE (CONTINUED)

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

NHK SEATING OF AMERICA

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

EXAMPLES: ATH\*PQ\*910731\*241511\*\*870814 \$  
 ATH\*FI\*\*724573\*\*860101 \$  
 ATH\*MT\*\*821654\*\*860101 \$

<u>ELEM ID</u>	<u>#</u>	<u>ELEM NAME</u>	<u>AIAG NSA FEATURES</u>	<u>NSA USE</u>	<u>COMMENTS</u>
ATH01	672	RESOURCE AUTHORIZATION	<u>M ID 02/02</u>	YES	NSA USE: "PQ" = CUMULATIVE QTY REQUIRED PRIOR TO FIRST SCHEDULED PERIOD "FI" = FINISHED (FAB) "MT" = MATERIAL (RAW)
ATH02	373	DATE	<u>C DT 06/06</u>	YES	REQUIRED IF ATH01 = "PQ", THIS DATE IS THE SAME AS BFR06.
ATH03	380	QUANTITY	<u>C R 01/10</u>	YES	

IF ATH01 = "PQ" CUMULATIVE QTY THAT HAS BEEN AUTHORIZED FROM START DATE (ATH05) 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	<u>O R 01/10</u>	NO	
ATH05	373	DATE	<u>C DT 06/06</u> <u>M DT 06/06</u>	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.

NHK SEATING OF AMERICA

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	<u>O ID 02/02</u> <u>M ID 02/02</u>	YES	NSA USE: "01" = DISCRETE QTY (NSA LAST SHIPPED QTY.)  "02" = CUM QUANTITY (NSA YTD SHIPPED QTY)
SHP02	380	QUANTITY	<u>C R 01/10</u> <u>M R 01/08</u>	YES	FOR SHP01
SHP03	374	DATE/TIME QUALIFIER	<u>O ID 03/03</u> <u>M ID 03/03</u>	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	<u>C DT 06/06</u> <u>M DT 06/06</u>	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	<u>O TM 04/04</u>	NO	

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SEGMENT: SHP- SHIPPED/RECEIVED INFORMATION (CONTINUED)

<u>ELEM</u> <u>ID</u>	<u>#</u>	<u>ELEM</u> <u>NAME</u>	<u>AIAG</u> <u>NSA</u> <u>FEATURES</u>	<u>NSA</u> <u>USE</u>	<u>COMMENTS</u>
SHP06	373	DATE	<u>C DT 06/06</u>	YES	ONLY USED IF SHP01 = "02" THEN THIS IS THE "SUPPLIER LAST SHIP DATE" FROM NSA.
SHP07	337	TIME	<u>O TM 04/04</u>	NO	

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TABLE 3: DATA SEGMENT SEQUENCE FOR THE SUMMARY AREA

<u>SEG</u> <u>ID</u>	<u>NAME</u>	<u>REQ</u> <u>DES.</u>	<u>MAX</u> <u>USE</u>	<u>LOOP</u> <u>REPEAT</u>	<u>NSA</u> <u>USE</u>	<u>NOTES</u>
CTT	TRANSACTION TOTALS	M	1		YES	NOTE1
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.

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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

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



NHK SEATING OF AMERICA

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 \$

<u>ELEM ID</u>	<u>#</u>	<u>ELEM NAME</u>	<u>AIAG NSA FEATURES</u>	<u>NSA USE</u>	<u>COMMENTS</u>
SE01	96	NUMBER OF INCLUDED SEGMENTS	<u>M NO 01/06</u>	YES	THE TOTAL OF ALL SEGMENTS IN THE TRANSACTION SET, INCLUDING THE "ST" AND "SE" SEGMENTS.
SE02	329	TRANSACTION SET CONTROL NUMBER	<u>M AN 04/09</u> <u>M AN 09/09</u>	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: 003010    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	N1* ----+		NAME
5	H	DTM		DATE/TIME REFERENCE
6	D	LIN -----+		ITEM IDENTIFICATION DETAIL
7	D	UIT		UNIT DETAIL
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*----+		FORECAST SCHEDULE
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  
N1\*MI\*NHK SEATING\*92\*186598454  
N1\*SF\*SUPPLIER NAME\*92\*8159659707  
N1\*ST\*NHK 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\*1000\*C\*W\*060717  
FST\*0\*C\*W\*060724  
FST\*1000\*C\*W\*060731  
FST\*1000\*C\*W\*060807  
FST\*0\*C\*W\*060814  
FST\*0\*C\*W\*060821  
FST\*1000\*C\*W\*060828  
FST\*0\*C\*W\*060904  
FST\*1000\*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\*1000\*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\*1400\*011\*060623  
SHP\*02\*448460\*051\*060710  
CTT\*3  
SE\*78\*4350001

