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# INTERNATIONAL<sup>®</sup>

## EDI 830 – Planning Schedule with Release Capability

**VERSION:  
ANSI ASC X12  
Version Release 4010 Final**

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# 830 Planning Schedule with Release Capability

## Functional Group=PS

**Purpose:** This standard provides the format and establishes the data contents of a planning schedule with 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 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.

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Reg</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Used
020	BFR	Beginning Segment for Planning Schedule	M	1			Used
050	REF	Reference Identification	O	12			Used
<b>LOOP ID - N1</b>					<b>200</b>		
230	N1	Name	O	1			Used
280	PER	Administrative Communications Contact	O	3			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Reg</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - LIN</b>					<b>10000</b>		
010	LIN	Item Identification	M	1			Used
020	UIT	Unit Detail	M	1			Used
120	PO4	Item Physical Details	O	1			Used
140	REF	Reference Identification	O	12			Used
<b>LOOP ID - FST</b>					<b>&gt;1</b>	<b>N2/410L</b>	
410	FST	Forecast Schedule	O	1		N2/410	Used
420	SDQ	Destination Quantity	O	50			Used
<b>LOOP ID - SHP</b>					<b>25</b>		
470	SHP	Shipped/Received Information	O	1			Used

### Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Reg</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	M	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Used

### Notes:

- 2/410L At least one occurrence of segment FST is required.
- 2/410 At least one occurrence of segment FST is required.
- 3/010 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.

ST Transaction Set Header

Pos: 010

Max: 1

Heading - Mandatory

Loop: N/A

Elements: 2

User Option (Usage): Used

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Used
<b>Description:</b> Code uniquely identifying a Transaction Set.						
<b>CodeList Summary</b> (Total Codes: 298, Included: 1)						
<b>Code</b> <b>Name</b>						
830 Planning Schedule with Release Capability						
ST02	329	Transaction Set Control Number	M	AN	4/9	Used
<b>Description:</b> Identifying control number assigned by the originator for a transaction set.						

Example(s):

This segment is used in all Navistar 830 transactions.

# BFR Beginning Segment for Planning Schedule

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 10

**User Option (Usage):** Used

**Purpose:** To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
BFR01	353	<b>Transaction Set Purpose Code</b>  <b>Description:</b> Code identifying purpose of transaction set.  <b>CodeList Summary</b> (Total Codes: 65, Included: 3) <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>04</td><td>Change</td></tr><tr><td>05</td><td>Replace</td></tr><tr><td>07</td><td>Duplicate</td></tr></table>	<u>Code</u>	<u>Name</u>	04	Change	05	Replace	07	Duplicate	M	ID	2/2	Used
<u>Code</u>	<u>Name</u>													
04	Change													
05	Replace													
07	Duplicate													
BFR02	127	<b>Reference Identification</b>  <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/30	Used								
BFR03	328	<b>Release Number</b>  <b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction. <div><b>Example(s):</b> <i>First six characters represent the International Plant Code (See document of International Ship Codes ). The next seven characters are the Supplier Code followed by the date of the release (YYMMDD).</i></div>	C	AN	1/30	Used								
BFR04	675	<b>Schedule Type Qualifier</b>  <b>Description:</b> Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast.  <b>CodeList Summary</b> (Total Codes: 11, Included: 1) <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>DL</td><td>Delivery Based</td></tr></table>	<u>Code</u>	<u>Name</u>	DL	Delivery Based	M	ID	2/2	Used				
<u>Code</u>	<u>Name</u>													
DL	Delivery Based													
BFR05	676	<b>Schedule Quantity Qualifier</b>  <b>Description:</b> Code identifying the type of quantities used when defining a schedule or forecast.  <b>CodeList Summary</b> (Total Codes: 4, Included: 1) <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>A</td><td>Actual Discrete Quantities</td></tr></table>	<u>Code</u>	<u>Name</u>	A	Actual Discrete Quantities	M	ID	1/1	Used				
<u>Code</u>	<u>Name</u>													
A	Actual Discrete Quantities													
BFR06	373	<b>Date</b>  <b>Description:</b> Date (CCYYMMDD).	M	DT	8/8	Used								
BFR07	373	<b>Date</b>  <b>Description:</b> Date (CCYYMMDD).	M	DT	8/8	Used								

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BFR08	373	<b>Date</b> <b>Description:</b> Date (CCYYMMDD).	M	DT	8/8	Used
BFR10	367	<b>Contract Number</b> <b>Description:</b> Contract number. <b>Service Parts:</b> <i>Used to display Contract Number.</i>	O	AN	1/30	Used
BFR11	324	<b>Purchase Order Number</b> <b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser. <b>Truck:</b> <i>Utilize this element if there is only one PO number for the entire release, otherwise put the PO number in LIN segment.</i>	O	AN	1/22	Used

**Example(s):**

*This segment is used in all Navistar 830 transactions.*

# REF Reference Identification

Pos: 050 Max: 12

Heading - Optional

Loop: N/A

Elements: 3

User Option (Usage): Used

Purpose: To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 2)

### Code Name

CE Class of Contract Code

#### **Government:**

*Indicates the presence of a Government Contract Type in the schedule.*

DS Defense Priorities Allocation System (DPAS) Priority Rating

#### **Government:**

*Indicates the presence of a Priority Rating Code in the schedule.*

REF02	127	Reference Identification	X	AN	1/30	Not used
-------	-----	--------------------------	---	----	------	----------

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
-------	-----	-------------	---	----	------	------

**Description:** A free-form description to clarify the related data elements and their content

## Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

## Semantics:

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

### Engine:

*This segment is not used.*

### Service Parts:

*This segment is not used.*

### Truck:

*Refer to the "Appendix" at the end of this guide for Example(s).*

### Government:

*Refer to the "Appendix" at the end of this guide for Example(s).*

# N1 Name

<b>Pos: 230</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
N101	98	<b>Entity Identifier Code</b>  <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <b>CodeList Summary</b> (Total Codes: 1312, Included: 4) <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>MI</td><td>Planning Schedule/Material Release Issuer</td></tr><tr><td>SI</td><td>Shipping Schedule Issuer</td></tr><tr><td>ST</td><td>Ship To</td></tr><tr><td>SU</td><td>Supplier/Manufacturer</td></tr></table>	<u>Code</u>	<u>Name</u>	MI	Planning Schedule/Material Release Issuer	SI	Shipping Schedule Issuer	ST	Ship To	SU	Supplier/Manufacturer	M	ID	2/3	Must use
<u>Code</u>	<u>Name</u>															
MI	Planning Schedule/Material Release Issuer															
SI	Shipping Schedule Issuer															
ST	Ship To															
SU	Supplier/Manufacturer															
N103	66	<b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <b>CodeList Summary</b> (Total Codes: 215, Included: 1) <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>92</td><td>Assigned by Buyer or Buyer's Agent</td></tr></table>	<u>Code</u>	<u>Name</u>	92	Assigned by Buyer or Buyer's Agent	X	ID	1/2	Used						
<u>Code</u>	<u>Name</u>															
92	Assigned by Buyer or Buyer's Agent															
N104	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Used										

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

## 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.

## Example(s):

Refer to the "Appendix" at the end of this guide for Example(s).



# PER Administrative Communications Contact

Pos: 280	Max: 3
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying the major duty or responsibility of the person or group named  <b>CodeList Summary</b> (Total Codes: 230, Included: 1) <u>Code</u> <u>Name</u> SC    Schedule Contact						
PER02	93	<b>Name</b>	O	AN	1/60	Used
<b>Description:</b> Free-form name						
PER03	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type of communication number  <b>CodeList Summary</b> (Total Codes: 40, Included: 1) <u>Code</u> <u>Name</u> TE    Telephone						
PER04	364	<b>Communication Number</b>	X	AN	1/80	Used
<b>Description:</b> Complete communications number including country or area code when applicable						

## Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.

### Engine:

Refer to the "Appendix" at the end of this guide for Example(s).

### Service Parts:

This segment is not used.

### Truck:

Refer to the "Appendix" at the end of this guide for Example(s).

### Government:

Refer to the "Appendix" at the end of this guide for Example(s).

# LIN Item Identification

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Mandatory</b>	
<b>Loop: LIN</b>	<b>Elements: 12</b>

**User Option (Usage):** Used

**Purpose:** To specify basic item identification data.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN02	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234).

**CodeList Summary** (Total Codes: 477, Included: 7)

### Code Name

BP	Buyer's Part Number
EC	Engineering Change Level
PO	Purchase Order Number
RC	Returnable Container Number
RN	Release Number
VP	Vendor's (Seller's) Part Number
ZZ	Mutually Defined

### **Example(s):**

*The "ZZ" qualifier will describe an Alternate Part Number.  
This part number will be an additional number that will cross reference the International Part Number.  
This maybe the Supplier's Part Number or in the case of a joint venture, it could be our Partner's Part Number.*

LIN03	234	<b>Product/Service ID</b>	M	AN	1/30	Used
-------	-----	---------------------------	---	----	------	------

**Description:** Identifying number for a product or service.

LIN04	235	<b>Product/Service ID Qualifier</b>	O	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234).

**Truck:** See codes in LIN 02 for a complete list of qualifiers used.

LIN05	234	<b>Product/Service ID</b>	C	AN	1/30	Used
-------	-----	---------------------------	---	----	------	------

**Description:** Identifying number for a product or service.

LIN06	235	<b>Product/Service ID Qualifier</b>	O	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234).

**Truck:** See codes in LIN 02 for a complete list of qualifiers used.

LIN07	234	<b>Product/Service ID</b>	C	AN	1/30	Used
-------	-----	---------------------------	---	----	------	------

**Description:** Identifying number for a product or service.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN08	235	<b>Product/Service ID Qualifier</b>  <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <b>Truck:</b> See codes in LIN 02 for a complete list of qualifiers used.	O	ID	2/2	Used
LIN09	234	<b>Product/Service ID</b>  <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Used
LIN10	235	<b>Product/Service ID Qualifier</b>  <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <b>Truck:</b> See codes in LIN 02 for a complete list of qualifiers used.	O	ID	2/2	Used
LIN11	234	<b>Product/Service ID</b>  <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Used
LIN12	235	<b>Product/Service ID Qualifier</b>  <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <b>Truck:</b> See codes in LIN 02 for a complete list of qualifiers used.	O	ID	2/2	Used
LIN13	234	<b>Product/Service ID</b>  <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Used

**Comments:**

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide 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.

**Example(s):**

Refer to the "Appendix" at the end of this guide for Example(s).

UIT Unit Detail

Pos: 020

Max: 1

Detail - Mandatory

Loop: LIN

Elements: 1

User Option (Usage): Used  
Purpose: To specify item unit data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
UIT01	C001	Composite Unit of Measure	M	Comp		Must use
Description: To identify a composite unit of measure(See Figures Appendix for examples of use)						
UIT01-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
All valid standard codes are used. (Total Codes: 794)						

Example(s):  
Refer to the "Appendix" at the end of this guide for Example(s).

# PO4 Item Physical Details

Pos: 120	Max: 1
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the physical qualities, packaging, weights and dimensions relating to the item.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO402	357	<b>Size</b>	O	R	1/8	Used
<b>Description:</b> Size of supplier units in pack.						
PO403	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>All valid standard codes are used. (Total Codes: 794)</b>						

## Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".

### Engine:

*This segment is not used.*

### Service Parts:

*This segment is not used.*

### Truck:

*Refer to the "Appendix" at the end of this guide for Example(s).*

### Government:

*Refer to the "Appendix" at the end of this guide for Example(s).*

# REF Reference Identification

Pos: 140	Max: 12
Detail - Optional	
Loop: LIN	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 1)

**Code Name**

KL Contract Reference

**Government:**

*Indicates the presence of a Government Contract Award Reference ID.*

REF02	127	Reference Identification	X	AN	1/30	Used
-------	-----	--------------------------	---	----	------	------

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
-------	-----	-------------	---	----	------	------

**Description:** A free-form description to clarify the related data elements and their content

REF04	C040	Reference Identifier	O	Comp		Used
-------	------	----------------------	---	------	--	------

**Description:** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

REF04-01	128	Reference Identification Qualifier	M	ID	2/3	Must use
----------	-----	------------------------------------	---	----	-----	----------

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 1)

**Code Name**

CE Class of Contract Code

**Government:**

*Indicates the presence of a Government Contract Type in REF04-02.*

REF04-02	127	Reference Identification	M	AN	1/30	Must use
----------	-----	--------------------------	---	----	------	----------

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF04-03	128	Reference Identification Qualifier	X	ID	2/3	Used
----------	-----	------------------------------------	---	----	-----	------

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1503, Included: 1)

**Code Name**

DS Defense Priorities Allocation System (DPAS) Priority Rating

**Government:**

*Indicates the presence of a DPAS Priority Rated order in REF04-04.*

REF04-04	127	<b>Reference Identification</b>	X	AN	1/30	Used
----------	-----	---------------------------------	---	----	------	------

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

### Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

### Semantics:

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

#### Engine:

*This segment is not used.*

#### Service Parts:

*This segment is not used.*

#### Truck:

*Navistar commercial orders will NOT have an associated contract type or priority code.*

*Refer to the "Appendix" at the end of this guide for Example(s).*

#### Government:

*Refer to the "Appendix" at the end of this guide for Example(s).*

# FST Forecast Schedule

Pos: 410 Max: 1

Detail - Optional

Loop: FST

Elements: 5

**User Option (Usage):** Used

**Purpose:** To specify the forecasted dates and quantities

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FST01	380	<b>Quantity</b>	M	R	1/15	Must use
		<b>Description:</b> Numeric value of quantity				
FST02	680	<b>Forecast Qualifier</b>	M	ID	1/1	Must use
		<b>Description:</b> Code specifying the sender's confidence level of the forecast data or an action associated with a forecast				
		<b>CodeList Summary</b> (Total Codes: 21, Included: 3)				
		<u>Code</u>	<u>Name</u>			
		A	Immediate			
		C	Firm			
		D	Planning			
FST03	681	<b>Forecast Timing Qualifier</b>	M	ID	1/1	Must use
		<b>Description:</b> Code specifying interval grouping of the forecast				
		<b>CodeList Summary</b> (Total Codes: 11, Included: 4)				
		<u>Code</u>	<u>Name</u>			
		D	Discrete			
		F	Flexible Interval (from Date X through Date Y)			
		M	Monthly Bucket (Calendar Months)			
		W	Weekly Bucket (Monday through Sunday)			
FST04	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD				
FST05	373	<b>Date</b>	O	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD				

## Semantics:

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.

## Example(s):

Refer to the "Appendix" at the end of this guide for Example(s).



# SDQ Destination Quantity

Pos: 420 Max: 50

Detail - Optional

Loop: FST Elements: 22

User Option (Usage): Used

Purpose: To specify destination and quantity detail

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ01	355	<b>Unit or Basis for Measurement Code</b>  <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>All valid standard codes are used. (Total Codes: 794)</b>	M	ID	2/2	Must use
SDQ02	66	<b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>CodeList Summary</b> (Total Codes: 215, Included: 1) <b>Code Name</b> A3 Assigned by Third Party	O	ID	1/2	Used
SDQ03	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	M	AN	2/80	Must use
SDQ04	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	M	R	1/15	Must use
SDQ05	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used
SDQ06	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	X	R	1/15	Used
SDQ07	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used
SDQ08	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	X	R	1/15	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ09	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used
SDQ10	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	X	R	1/15	Used
SDQ11	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used
SDQ12	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	X	R	1/15	Used
SDQ13	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used
SDQ14	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	X	R	1/15	Used
SDQ15	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used
SDQ16	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	X	R	1/15	Used
SDQ17	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used
SDQ18	380	<b>Quantity</b>  <b>Description:</b> Numeric value of quantity	X	R	1/15	Used
SDQ19	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ20	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	X	R	1/15	Used
SDQ21	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code <b>Government:</b> <i>References one of the previous REFO2 Award Reference IDs.</i>	X	AN	2/80	Used
SDQ22	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	X	R	1/15	Used

### Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

### Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

### Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

### Engine:

*This segment is not used.*

### Service Parts:

*This segment is not used.*

### Truck:

*Refer to the "Appendix" at the end of this guide for Example(s).*

### Government:

*Refer to the "Appendix" at the end of this guide for Example(s).*

# SHP Shipped/Received Information

Pos: 470	Max: 1
Detail - Optional	
Loop: SHP	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify shipment and/or receipt information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
SHP01	673	<b>Quantity Qualifier</b>	O	ID	2/2	Used						
<b>Description:</b> Code specifying the type of quantity												
<b>CodeList Summary</b> (Total Codes: 832, Included: 2)												
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>01</td><td>Discrete Quantity</td></tr><tr><td>02</td><td>Cumulative Quantity</td></tr></table>							<u>Code</u>	<u>Name</u>	01	Discrete Quantity	02	Cumulative Quantity
<u>Code</u>	<u>Name</u>											
01	Discrete Quantity											
02	Cumulative Quantity											
SHP02	380	<b>Quantity</b>	X	R	1/15	Used						
<b>Description:</b> Numeric value of quantity												
SHP03	374	<b>Date/Time Qualifier</b>	X	ID	3/3	Used						
<b>Description:</b> Code specifying type of date or time, or both date and time												
<b>CodeList Summary</b> (Total Codes: 1112, Included: 2)												
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>050</td><td>Received</td></tr><tr><td>051</td><td>Cumulative Quantity Start</td></tr></table>							<u>Code</u>	<u>Name</u>	050	Received	051	Cumulative Quantity Start
<u>Code</u>	<u>Name</u>											
050	Received											
051	Cumulative Quantity Start											
SHP04	373	<b>Date</b>	X	DT	8/8	Used						
<b>Description:</b> Date expressed as CCYYMMDD												
SHP05	337	<b>Time</b>	X	TM	4/8	Used						
<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)												
SHP06	373	<b>Date</b>	O	DT	8/8	Used						
<b>Description:</b> Date expressed as CCYYMMDD												

## Syntax Rules:

1. C0102 - If SHP01 is present, then SHP02 is required.
2. L030405 - If SHP03 is present, then at least one of SHP04 or SHP05 is required.
3. C0403 - If SHP04 is present, then SHP03 is required.
4. C0503 - If SHP05 is present, then SHP03 is required.

## Semantics:

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.

**Engine:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

**Service Parts:**

*This segment is not used.*

**Truck:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

**Government:**

*Refer to the "Appendix" at the end of this guide for Example(s).*

# CTT Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Used

**Description:** Total number of line items in the transaction set. (LIN segments)

## Comments:

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

## Example(s):

*This segment is used in all Navistar 830 transactions.*

# SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**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).

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/6	Used
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments.				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Used
		<b>Description:</b> Identifying control number assigned by the originator for a transaction set.				

## Comments:

1. SE is the last segment of each transaction set.

## Example(s):

*This segment is used in all Navistar 830 transactions.*

# **INTERNATIONAL<sup>®</sup>**

**International Motors, LLC**

**830 APPENDIXES of EXAMPLES**

**October 15, 2024**

**NOTE:** This document is to be used in conjunction with the International Motors, LLC. 830 Implementation Guideline to illustrate examples and functional definition of this transaction set.



**Example I: Truck 830 for Material Release**

This example shows the looping structure for the planning schedule with release capability and provides for the customary and established transfer of forecasting/material release information between organizations.

**EDI DATA ELEMENTS**

ST\*830\*0001 N/L

BFR\*05\*R3040\*002ASM00015X1081210\*DL\*A\*20081208\*20090705\*20081208\*\*\*AI401A N/L

N1\*SU\*\*92\*00015X1 N/L

N1\*ST\*\*92\*002ASM N/L

PER\*SC\*200045\*TE\*519-436-4159 N/L

LIN\*\*BP\*B100570000 N/L

UIT\*PC N/L

PO4\*\*1\*PC N/L

FST\*10\*A\*D\*20081210 N/L

FST\*150\*C\*W\*20081215 N/L

FST\*130\*C\*W\*20081222 N/L

FST\*170\*C\*W\*20081229 N/L

FST\*240\*C\*W\*20090105 N/L

FST\*230\*D\*W\*20090112 N/L

FST\*270\*D\*W\*20090119 N/L

FST\*540\*D\*W\*20090126 N/L

FST\*240\*D\*W\*20090202 N/L

FST\*70\*D\*W\*20090209 N/L

FST\*390\*D\*W\*20090216 N/L

**INTERPRETATION**

ANSI transaction set 830, transaction ID number 0001.

Replacement Document R3040, Release Number 002ASM00015X1081210, Delivery based, Actual discrete (net) quantities, Forecast horizon start date is 12/08/08, Forecast horizon end date is 07/05/09, Date forecast was generated is 12/08/08, Purchase Order Number AI401A.

The Navistar assigned supplier code is 00015X1.

The Ship To Location is Springfield Assembly.

The Navistar Scheduling Clerk Code is 200045 and the telephone number is 519-436-4159.

Buyers Part Number is B100570000

Unit of Measure is Piece.

A quantity of 1 should be packed in each container.

Immediate Discrete quantity of 10 pieces is due as directed the week of 12/10/08.

Firm weekly quantity of 150 pieces is due as directed the week of 12/15/08.

Firm weekly quantity of 130 pieces is due as directed the week of 12/22/08.

Firm weekly quantity of 170 pieces is due as directed the week of 12/29/08.

Firm weekly quantity of 240 pieces is due as directed the week of 01/05/09.

Planned weekly quantity of 230 pieces is due as directed the week of 01/12/09.

Planned weekly quantity of 270 pieces is due as directed the week of 01/19/09.

Planned weekly quantity of 540 pieces is due as directed the week of 01/26/09.

Planned weekly quantity of 240 pieces is due as directed the week of 02/02/09.

Planned weekly quantity of 70 pieces is due as directed the month of 02/09/09.

Planned weekly quantity of 390 pieces is due as directed the month of 02/16/09.

**Example I: Truck 830 for Material Release (cont.)****EDI DATA ELEMENTS****FST\*140\*D\*W\*20090223** N/L**FST\*330\*D\*W\*20090302** N/L**FST\*90\*D\*F\*20090309** N/L**FST\*5200\*D\*M\*20090406** N/L**FST\*7300\*D\*M\*20090504** N/L**FST\*9000\*D\*M\*20090601** N/L**SHP\*01\*10\*050\*20081204** N/L**SHP\*02\*70\*051\*20081101\*\*20081210** N/L**CTT\*1** N/L**SE\*29\*0001** N/L**INTERPRETATION**

Planned weekly quantity of 140 pieces is due as directed the week of 02/23/09.

Planned weekly quantity of 330 pieces is due as directed the week of 03/02/09.

Planned flexible quantity of 90 pieces is due as directed the week of 03/09/09.

Planned monthly quantity of 5200 pieces is due as directed the week of 04/06/09.

Planned monthly quantity of 7300 pieces is due as directed the month of 05/04/09.

Planned monthly quantity of 9000 pieces is due as directed the month of 06/01/09.

Discrete quantity received was 10 pieces as of 12/04/08.

Cumulative quantity received is 70 pieces, with a start date of 11/01/08 and an end date of 12/10/2008.

Total number of LIN segments is 1.

Number of included segments is 29 in transaction ID 0001.

## **Example II: Truck 830 for Material Release with provisions of the Defense Priorities and Allocation System (DPAS)**

This example shows the looping structure for the planning schedule with release capability and provides for the customary and established transfer of forecasting/material release information between organizations.

### **EDI DATA ELEMENTS**

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

**BFR\*05\*R3040\*002ASM00015X1081210\*DL\*A\*20081208\*20090705\*20081208\*\*\*AI401A** N/L

**REF\*DS\*\***This is a rated order certified for national defense use, and you are required N/L

**REF\*DS\*\***to follow all the provisions of the Defense Priorities and Allocation System N/L

**REF\*DS\*\***[DPAS] regulation (15 CFR part 700). N/L

**REF\*CE\*\***The referenced Firm Fixed Price Non-Commercial [FFPNC], Cost Reimbursement [CR], N/L

**REF\*CE\*\***and Government Contract Commercial [GCOM] requirements Designations are subject N/L

**REF\*CE\*\***to the terms and conditions published per the Navistar Defense website. N/L

**REF\*CE\*\***www.navistardefense.com N/L

**N1\*SU\*\*92\*00015X1** N/L

**N1\*ST\*\*92\*002ASM** N/L

**PER\*SC\*200045\*TE\*519-436-4159** N/L

**LIN\*\*BP\*B100570000** N/L

**UIT\*PC** N/L

**PO4\*\*1\*PC** N/L

**REF\*KL\*X0109\*AWARD REFERENCE**  
**ID\*CE:FFPNC:DS:DX-A4** N/L

**REF\*KL\*X0209\*AWARD REFERENCE**  
**ID\*CE:CR:DS:DX-A4** N/L

### **INTERPRETATION**

ANSI transaction set 830, transaction ID number 0001.

Replacement Document R3040, Release Number 002ASM00015X1081210, Delivery based, Actual discrete (net) quantities, Forecast horizon start date is 12/08/08, Forecast horizon end date is 07/05/09, Date forecast was generated is 12/08/08, Purchase Order Number AI401A.

Notification of DPAS Regulations.

Notification of DPAS Regulations.

Notification of DPAS Regulations.

Notification of Government Contract Type.

Notification of Government Contract Type.

Notification of Government Contract Type.

Notification of Government Contract Type.

The Navistar assigned supplier code is 00015X1.

The Ship To Location is Springfield Assembly.

The Navistar Scheduling Clerk Code is 200045 and the telephone number is 519-436-4159.

Buyers Part Number is B100570000

Unit of Measure is Piece.

A quantity of 1 should be packed in each container.

The following schedule contains an Award Reference Identification (AR ID) of X0109 and a government contract type of FFPNC with a DPAS rating of DX-A4 for the part number listed in the LIN segment.

The following schedule contains an AR ID of X0209 and a government contract type of CR with a DPAS rating of DX-A4 for the part number listed in the LIN segment.

**Example II: Truck 830 for Material Release with DPAS provisions (cont.)****EDI DATA ELEMENTS**

REF\*KL\*X0309\*AWARD REFERENCE  
ID\*CE:CR:DS:DX-A4 N/L

REF\*KL\*O0109\*AWARD REFERENCE  
ID\*CE:CR:DS:DO-A4 N/L

FST\*10\*A\*D\*20081210 N/L

FST\*150\*C\*W\*20081215 N/L

SDQ\*PC\*A3\*X0109\*5\*X0209\*10\*X0309\*15 N/L

FST\*130\*C\*W\*20081222 N/L

SDQ\*PC\*A3\*X0109\*10\*X0309\*20 N/L

FST\*170\*C\*W\*20081229 N/L

SDQ\*PC\*A3\*X0209\*20\*X0309\*25 N/L

FST\*240\*C\*W\*20090105 N/L

SDQ\*PC\*A3\*X0109\*20\*X0309\*25 N/L

FST\*230\*D\*W\*20090112 N/L

SDQ\*PC\*A3\*O0109\*20 N/L

FST\*270\*D\*W\*20090119 N/L

SDQ\*PC\*A3\*O0109\*30 N/L

FST\*540\*D\*W\*20090126 N/L

**INTERPRETATION**

The following schedule contains AR ID of X0309 and a government contract type of CR with a DPAS rating of DX-A4 for the part number listed in the LIN segment.

The following schedule contains an AR ID of O0109 and a government contract type of CR with a DPAS rating of DO-A4 for the part number listed in the LIN segment.

Immediate Discrete quantity of 10 pieces is due as directed the week of 12/10/08.

Firm weekly quantity of 150 pieces is due as directed the week of 12/15/08.

For the prior FST segment 5 pieces have a priority allocation to AR ID X0109, 10 pieces have a priority allocation to AR ID X0209, and 15 pieces have a priority allocation to AR ID X0309.

Firm weekly quantity of 130 pieces is due as directed the week of 12/22/08.

For the prior FST segment 10 pieces have a priority allocation to AR ID X0109, and 20 pieces have a priority allocation to AR ID X0309.

Firm weekly quantity of 170 pieces is due as directed the week of 12/29/08.

For the prior FST segment 20 pieces have a priority allocation to AR ID X0209, and 25 pieces have a priority allocation to AR ID X0309.

Firm weekly quantity of 240 pieces is due as directed the week of 01/05/09.

For the prior FST segment 20 pieces have a priority allocation to AR ID X0109, and 25 pieces have a priority allocation to AR ID X0309.

Planned weekly quantity of 230 pieces is due as directed the week of 01/12/09.

For the prior FST segment 20 pieces have a priority allocation to AR ID O0109.

Planned weekly quantity of 270 pieces is due as directed the week of 01/19/09.

For the prior FST segment 30 pieces have a priority allocation to AR ID O0109.

Planned weekly quantity of 540 pieces is due as directed the week of 01/26/09.

**Example II: Truck 830 for Material Release with DPAS provisions (cont.)****EDI DATA ELEMENTS****FST\*240\*D\*W\*20090202** N/L**FST\*70\*D\*W\*20090209** N/L**FST\*390\*D\*W\*20090216** N/L**FST\*140\*D\*W\*20090223** N/L**FST\*330\*D\*W\*20090302** N/L**FST\*90\*D\*F\*20090309** N/L**FST\*5200\*D\*M\*20090406** N/L**FST\*7300\*D\*M\*20090504** N/L**FST\*9000\*D\*M\*20090601** N/L**SHP\*01\*10\*050\*20081204** N/L**SHP\*02\*70\*051\*20081101\*\*20081210** N/L**CTT\*1** N/L**SE\*46\*0001** N/L**INTERPRETATION**

Planned weekly quantity of 240 pieces is due as directed the week of 02/02/09.

Planned weekly quantity of 70 pieces is due as directed the month of 02/09/09.

Planned weekly quantity of 390 pieces is due as directed the month of 02/16/09.

Planned weekly quantity of 140 pieces is due as directed the week of 02/23/09.

Planned weekly quantity of 330 pieces is due as directed the week of 03/02/09.

Planned flexible quantity of 90 pieces is due as directed the week of 03/09/09.

Planned monthly quantity of 5200 pieces is due as directed the week of 04/06/09.

Planned monthly quantity of 7300 pieces is due as directed the month of 05/04/09.

Planned monthly quantity of 9000 pieces is due as directed the month of 06/01/09.

Discrete quantity received was 10 pieces as of 12/04/08.

Cumulative quantity received is 70 pieces, with a start date of 11/01/08 and an end date of 12/10/2008.

Total number of LIN segments is 1.

Number of included segments is 46 in transaction ID 0001.

**Example III: Truck 830 for Material Release with Government Contract****Commercial (GCOM) requirements**

This example shows the looping structure for the planning schedule with release capability and provides for the customary and established transfer of forecasting/material release information between organizations.

**EDI DATA ELEMENTS**

ST\*830\*0001 N/L

BFR\*05\*R3040\*002ASM00015X1081210\*DL\*A\*20081208\*20090705\*20081208\*\*\*AI401A N/L

REF\*CE\*\*The referenced Firm Fixed Price Non-Commercial [FFPNC], Cost Reimbursement [CR], N/L

REF\*CE\*\*and Government Contract Commercial [GCOM] requirements Designations are subject N/L

REF\*CE\*\*to the terms and conditions published per the Navistar Defense website. N/L

REF\*CE\*\*www.navistardefense.com N/L

N1\*SU\*\*92\*00015X1 N/L

N1\*ST\*\*92\*002ASM N/L

PER\*SC\*200045\*TE\*519-436-4159 N/L

LIN\*\*BP\*B100570000 N/L

UIT\*PC N/L

PO4\*\*1\*PC N/L

REF\*KL\*G0109\*AWARD REFERENCE ID\*CE:GCCOM N/L

REF\*KL\*G0209\*AWARD REFERENCE ID\*CE:GCCOM N/L

FST\*10\*A\*D\*20081210 N/L

FST\*150\*C\*W\*20081215 N/L

SDQ\*PC\*A3\*G0109\*5\*G0209\*10 N/L

**INTERPRETATION**

ANSI transaction set 830, transaction ID number 0001.

Replacement Document R3040, Release Number 002ASM00015X1081210, Delivery based, Actual discrete (net) quantities, Forecast horizon start date is 12/08/08, Forecast horizon end date is 07/05/09, Date forecast was generated is 12/08/08, Purchase Order Number AI401A.

Notification of Government Contract Type.

Notification of Government Contract Type.

Notification of Government Contract Type.

Notification of Government Contract Type.

The Navistar assigned supplier code is 00015X1.

The Ship To Location is Springfield Assembly.

The Navistar Scheduling Clerk Code is 200045 and the telephone number is 519-436-4159.

Buyers Part Number is B100570000

Unit of Measure is Piece.

A quantity of 1 should be packed in each container.

The following schedule contains an award reference Identification (AR ID) of G0109 and a government contract type of GCCOM for the part number listed in the LIN segment.

The following schedule contains an AR ID of G0209 and a government contract type of GCCOM for the part number listed in the LIN segment.

Immediate Discrete quantity of 10 pieces is due as directed the week of 12/10/08.

Firm weekly quantity of 150 pieces is due as directed the week of 12/15/08.

For the prior FST segment 5 pieces have a priority allocation to AR ID of G0109, and 10 pieces have a priority allocation to AR ID G0209.

## **Example III: Truck 830 for Material Release with Government Contract Commercial (GCOM) requirements (cont.)**

### **EDI DATA ELEMENTS**

**FST\*130\*C\*W\*20081222** N/L

**SDQ\*PC\*A3\*G0109\*10\*G0209\*20** N/L

**FST\*170\*C\*W\*20081229** N/L

**SDQ\*PC\*A3\*G0209\*20** N/L

**FST\*240\*C\*W\*20090105** N/L

**FST\*230\*D\*W\*20090112** N/L

**FST\*270\*D\*W\*20090119** N/L

**FST\*540\*D\*W\*20090126** N/L

**FST\*240\*D\*W\*20090202** N/L

**FST\*70\*D\*W\*20090209** N/L

**FST\*390\*D\*W\*20090216** N/L

**FST\*140\*D\*W\*20090223** N/L

**FST\*330\*D\*W\*20090302** N/L

**FST\*90\*D\*F\*20090309** N/L

**FST\*5200\*D\*M\*20090406** N/L

**FST\*7300\*D\*M\*20090504** N/L

**FST\*9000\*D\*M\*20090601** N/L

### **INTERPRETATION**

Firm weekly quantity of 130 pieces is due as directed the week of 12/22/08.

For the prior FST segment 10 pieces have a priority allocation to AR ID G0109, and 20 pieces have a priority allocation to AR ID G0209.

Firm weekly quantity of 170 pieces is due as directed the week of 12/29/08.

For the prior FST segment 20 pieces have a priority allocation to AR ID G0209.

Firm weekly quantity of 240 pieces is due as directed the week of 01/05/09.

Planned weekly quantity of 230 pieces is due as directed the week of 01/12/09.

Planned weekly quantity of 270 pieces is due as directed the week of 01/19/09.

Planned weekly quantity of 540 pieces is due as directed the week of 01/26/09.

Planned weekly quantity of 240 pieces is due as directed the week of 02/02/09.

Planned weekly quantity of 70 pieces is due as directed the month of 02/09/09.

Planned weekly quantity of 390 pieces is due as directed the month of 02/16/09.

Planned weekly quantity of 140 pieces is due as directed the week of 02/23/09.

Planned weekly quantity of 330 pieces is due as directed the week of 03/02/09.

Planned flexible quantity of 90 pieces is due as directed the week of 03/09/09.

Planned monthly quantity of 5200 pieces is due as directed the week of 04/06/09.

Planned monthly quantity of 7300 pieces is due as directed the month of 05/04/09.

Planned monthly quantity of 9000 pieces is due as directed the month of 06/01/09.

**Example III: Truck 830 for Material Release with Government Contract  
Commercial (GCOM) requirements (cont.)****EDI DATA ELEMENTS**

SHP\*01\*10\*050\*20081204 N/L

SHP\*02\*70\*051\*20081101\*\*20081210 N/L

CTT\*1 N/L

SE\*38\*0001 N/L

**INTERPRETATION**

Discrete quantity received was 10 pieces as of 12/04/08.

Cumulative quantity received is 70 pieces, with a start date of 11/01/08 and an end date of 12/10/2008.

Total number of LIN segments is 1.

Number of included segments is 38 in transaction ID 0001.



**Example IV: Service Parts 830 Monthly Requirements**

This example shows the looping structure for the planning schedule with release capability and provides for the customary and established transfer of forecasting/material release information between organizations.

**EDI DATA ELEMENTS**

ST\*830\*0001 N/L

BFR\*05\*\*783 2224560080831\*DL\*A\*20080801\*  
20090831\*20080831\*\*AE487C N/L

N1\*SU\*\*92\*2224560 N/L

N1\*MI\*\*92\*783 N/L

LIN\*\*BP\*500632C92\*VP\*46211 N/L

UIT\*PC N/L

FST\*55\*D\*M\*20081101 N/L

FST\*50\*D\*M\*20081201 N/L

FST\*55\*D\*M\*20090101 N/L

FST\*50\*D\*M\*20090301 N/L

FST\*60\*D\*M\*20090401 N/L

FST\*50\*D\*M\*20090601 N/L

FST\*60\*D\*M\*20090801 N/L

**INTERPRETATION**

ANSI transaction set 830, transaction ID number is 0001.

Replacement Document, Release Number 783  
2224560950831, Delivery based, Actual discrete (net)  
quantities, Forecast horizon start date is 08/01/08,  
Forecast horizon end date is 08/31/09, Date forecast  
was generated is 8/31/08, Contract Number AE487C.

The Navistar assigned Supplier Code is 2224560.

The Material Release Issuer is Navistar Service Parts.

Buyer's Part Number is 500632C92, Vendor's Part  
Number is 46211

Unit of Measure is Piece.

Planning monthly quantity of 55 pieces is due as  
directed during the month of 11/01/08.Planning monthly quantity of 50 pieces is due as  
directed during the month of 12/01/08.Planning monthly quantity of 55 pieces is due as  
directed during the month of 1/01/09.Planning monthly quantity of 50 pieces is due as  
directed during the month of 3/01/09.Planning monthly quantity of 60 pieces is due as  
directed during the month of 4/01/09.Planning monthly quantity of 50 pieces is due as  
directed during the month of 6/01/09.Planning monthly quantity of 60 pieces is due as  
directed during the month of 8/01/09.

**Example IV: Service Parts 830 Monthly Requirements (cont.)****EDI DATA ELEMENTS**

LIN\*\*BP\*386535C1 N/L

UIT\*PC N/L

FST\*12\*D\*M\*20081115 N/L

FST\*10\*D\*M\*20090115 N/L

FST\*15\*D\*M\*20090515 N/L

CTT\*2 N/L

SE\*20\*0001 N/L

**INTERPRETATION**

Buyer's Part Number is 386535C1.

Unit of Measure is Piece.

Planning monthly quantity of 12 pieces is due as directed during the month of 11/15/08.

Planning monthly quantity of 10 pieces is due as directed during the month of 1/15/09.

Planning monthly quantity of 15 pieces is due as directed during the month of 5/15/09.

Total number of LIN segments is 2.

Number of included segments is 20, Transaction set ID number is 0001.

**Example V: Engine 830 Weekly Requirements**

This example shows the looping structure for the planning schedule with release capability and provides for the customary and established transfer of forecasting/material release information between organizations

**EDI DATA ELEMENTS**

ST\*830\*0001 N/L

BFR\*05\*878780096001\*0408787800960102\*DL\*A\*20090102\*20090531\*20090102 N/L

N1\*SU\*\*92\*8787800 N/L

N1\*ST\*\*92\*RS N/L

LIN\*\*BP\*1818732C94\*PO\*8787800 N/L

UIT\*EA N/L

PER\*SC\*LCT N/L

FST\*880\*C\*D\*20090102 N/L

FST\*1100\*C\*D\*20090108 N/L

FST\*880\*C\*D\*20090116 N/L

FST\*1100\*C\*D\*20090122 N/L

FST\*1100\*C\*D\*20090129 N/L

FST\*1100\*C\*D\*20090205 N/L

FST\*1000\*C\*D\*20090212 N/L

FST\*1000\*C\*D\*20090219 N/L

FST\*1000\*D\*D\*20090226 N/L

FST\*1000\*D\*D\*20090304 N/L

FST\*1000\*D\*D\*20090311 N/L

**INTERPRETATION**

ANSI transaction set 830, transaction ID number 0001

Replacement Document 878780096001 Release Number 0408787800960102, Delivery based, Actual discrete (net) quantities, Forecast horizon start date 01/02/09, Forecast horizon end date 05/31/09, Date forecast was generated 01/02/09.

The Navistar assigned Supplier Code 8787800.

The Ship To Location Navistar Diesel of Alabama stock location "RS".

Buyer's Part Number 1818732C94, the Purchase Order Number 8787800.

Unit of Measure is Each

The Navistar Scheduling Clerk Code is LCT.

Firm discrete quantity of 880 is due as directed for date of 01/02/09.

Firm discrete quantity of 1100 is due as directed for date of 01/08/09.

Firm discrete quantity of 880 is due as directed for date of 01/16/09.

Firm discrete quantity of 1100 is due as directed for date of 01/22/09.

Firm discrete quantity of 1100 is due as directed for date of 01/29/09.

Firm discrete quantity of 1100 due is as directed for date of 02/05/09.

Firm discrete quantity of 1000 is due as directed for date of 02/12/09.

Firm discrete quantity of 1000 is due as directed for date of 02/19/09.

Planning discrete quantity of 1000 is due as directed for date of 02/26/09.

Planning discrete quantity of 1000 is due as directed for date of 03/04/09.

Planning discrete quantity of 1000 is due as directed for date of 03/11/09.

**Example V: Engine 830 Weekly Requirements (cont.)****FST\*1000\*D\*D\*20090318** N/L

Planning discrete quantity of 1000 is due as directed for date of 03/18/09.

**FST\*1000\*D\*F\*20090325** N/L

Planning discrete quantity of 1000 is due as directed during the week of 03/25/09 as a balance bucket for March.

**FST\*4200\*D\*M\*20090401** N/L

Planning discrete quantity of 4200 is due as directed during the month of 04/01/09.

**FST\*4400\*D\*M\*20090501** N/L

Planning discrete quantity of 4400 is due as directed during the month of 05/01/09.

**FST\*3600\*D\*M\*20090601** N/L

Planning discrete quantity of 3600 is due as directed during the month of 06/01/09.

**SHP\*01\*650\*050\*20081218** N/L

Discrete quantity of 650 received on 12/18/08.

**SHP\*02\*1300\*051\*200981101\*131218** N/L

Cumulative quantity received to date from 11/1/08 thru 12/18/08 is 131218 pieces

**CTT\*1** N/L

Total number of LIN segments is 1

**SE\*27\*0001** N/L

Number of included segments is 27 in transaction ID 0001