Changes made to specs on 07/20/11
- **Identified FST05 as the Need Date from Honeywell (Mandatory from Honeywell)**

Changes made to specs on 11/01/08
- **Replacing the NTE segment with REF segment.**
- **Upgrading to Version 4010**
- **Adding segments LM and LQ**
- **Add Dates change to CCYYMMDD**

830 Planning Schedule with Release Capability

Functional Group ID=PS

Introduction:

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:

Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	1			
020	BFR	Beginning Segment for Planning Schedule	M	1			
050	REF	Reference Identification	O		12		Honeywell CES only
		LOOP ID - N1				200	
230	N1	Name	O	1			
240	N2	Additional Name Information	O	2			
250	N3	Address Information	O	2			
260	N4	Geographic Location	O	1			
280	PER	Administrative Communications Contact	O	3			

Detail:

Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - LIN				10000	
010	LIN	Item Identification	M	Must Use	1		
020	UIT	Unit Detail	M	Must Use	1		
080	PID	Product/Item Description	O		1000		
100	PWK	Paperwork	O		25		
130	PRS	Part Release Status	O		1		
140	REF	Reference Numbers	O		12		
150	PER	Administrative Communications Contact	O		3		
210	LDT	Lead Time	O		12		

		LOOP ID - N1			200	
320	N1	Name	O	1		
330	N2	Additional Name Information	O	2		
340	N3	Address Information	O	2		
350	N4	Geographic Location	O	1		
360	REF	Reference Numbers	O	12		
		LOOP ID - FST			260	
410	FST	Forecast Schedule	O	1		n1
420	SDQ	Destination Quantity	O	50		
430	LM	Code Source Information	O	1	>1	
440	LQ	Industry Code	M	100		
		LOOP ID - SHP			25	
470	SHP	Shipped/Received Information	O	1		
480	REF	Reference Numbers	O	5		

Summary:

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

Segment:		**ST** **Transaction Set Header**			
Position:		010			
Loop:					
Level:		Heading:			
Usage:		Mandatory			
Max Use:		1			
Purpose:		To indicate the start of a transaction set and to assign a control number			
Syntax Notes:					
Semantic Notes:					
Comments:	1	The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).			

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID 3/3**	**>>**
		Code uniquely identifying a Transaction Set			
ST02	**329**	**Transaction Set Control Number**	**M**	**AN 4/9**	**>>**
		Identifying control number assigned by the originator for a transaction set.			

Segment:	**BFR** Beginning Segment for Planning Schedule			
Position:	020			
Loop:				
Level:	Heading:			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates			
Syntax Notes:	**1** At least one of BFR02 or BFR03 is required.			
Semantic Notes:				
Comments:	**1** If BFR01 equals "04" (Net Change) - BFR09 is required.			
	2 BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.			
	3 BFR06 - Forecast Horizon Start Date: The date when the forecast horizon (envelope) begins.			
	4 BFR07 - Forecast Horizon End Date: The date when the forecast horizon (envelope) ends.			
	5 BFR08 - Date Forecast Generated: The date the forecast data was generated.			
	6 BFR09 - Date Forecast Updated: The date the forecast was updated with "Net Change" data. (Used only when element 353 in BFR04 equals "04", meaning net change.)			

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
BFR01	**353**	**Transaction Set Purpose Code**	**M ID 2/2**	**>>**
		Code identifying purpose of transaction set		
		05 Replace		
		26 Replace - Specified Buyers Parts Only		
		00 Original		
BFR02	**127**	**Reference Number**	**X AN 1/30**	
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
		HWCES: Honeywell Name and Date – MRP or KSS (depending on which system pulled form)		
BFR04	**675**	**Schedule Type Qualifier**	**M ID 2/2**	**>>**
		Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast		
		DL Delivery Based		
BFR05	**676**	**Schedule Quantity Qualifier**	**M ID 1/1**	**>>**
		Code identifying the type of quantities used when defining a schedule or forecast		
		R Replacement Quantities		
		A Actual Quantity		
BFR06	**373**	**Date**	**M DT 8/8**	**>>**
		Date (CCYYMMDD)		
BFR07	**373**	**Date**	**M DT 8/8**	**>>**
		Date (CCYYMMDD)		
BFR08	**373**	**Date**	**M DT 8/8**	**>>**
		Date (CCYYMMDD)		

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading:
Usage: Optional
Max Use: 12
Purpose: To specify identifying information

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
REF01	128	**Reference Identification Qualifier**	M ID 2/3	>>
		Code identifying purpose of transaction set		
REF03	352	**Description**	C AN 1/80	

Segment:	# N1 Name	
Position:	230	
Loop:	N1 Optional	
Level:	Heading:	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	**1** At least one of N102 or N103 is required.	
	2 If either N103 or N104 is present, then the other is required.	
Semantic Notes:		
Comments:	**1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
N101	**98**	**Entity Identifier Code**	**M**	**ID 2/2**	**>>**
		Code identifying an organizational entity or a physical location.			
		MI	Planning Schedule/Material Release Issuer		
		SF	Ship From		
		ST	Ship To		
		SU	Supplier/Manufacturer		
N102	**93**	**Name**	**X**	**AN 1/35**	
		Free-form name			
N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**	
		Code designating the system/method of code structure used for Identification Code (67)			
		1	Dun and Bradstreet (Credit Reporting) (DUNS)		
		92	Assigned by Buyer or Buyer's Agent		
N104	**67**	**Identification Code**	**X**	**AN 2/17**	
		Code identifying a party.			

		Segment:	**N2** Additional Name Information

Segment: **N2** Additional Name Information
Position: 240
Loop: N1　　Optional
Level: Heading:
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
N201	93	**Name**		**M** **AN 1/35**	>>
		Free-form name			
N202	93	**Name**		**O** **AN 1/35**	
		Free-form name			

Segment: # N3 Address Information

Position: 250
Loop: N1   Optional
Level: Heading:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
N301	166	**Address Information**	M	AN 1/35	>>
		Address information			
N302	166	**Address Information**	O	AN 1/35	
		Address information			

Segment: # N4 Geographic Location

Position:	260
Loop:	N1 Optional
Level:	Heading:
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 At least one of N401 or N405 is required.
	2 If either N405 or N406 is present, then the other is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
N401	19	**City Name**	X	AN 2/19	
		Free-form text for city name			
N402	156	**State or Province Code**	O	ID 2/2	
		Code (Standard State/Province) as defined by appropriate government agency			
N403	116	**Postal Code**	O	ID 4/9	
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
N404	26	**Country Code**	O	ID 2/2	
		Code identifying the country			

		Segment:	**PER** Administrative Communications Contact

Segment: **PER** Administrative Communications Contact
Position: 280
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
PER01	366	**Contact Function Code**	M ID 2/2	>>
		Code identifying the major duty or responsibility of the person or group named		
		EX Expeditor		
PER02	93	**Name**	O AN 1/35	
		Free-form name		
PER03	365	**Communication Number Qualifier**	X ID 2/2	
		Code identifying the type of communication number		
		FX Facsimile		
		TE Telephone		
PER04	364	**Communication Number**	X AN 7/25	
		Complete communications number including country or area code when applicable		

Segment: # LIN Item Identification

Position: 010
Loop: LIN   Mandatory
Level: Detail:
Usage: Mandatory
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:
1. If LIN04 is present, then LIN05 is required.
2. If LIN06 is present, then LIN07 is required.
3. If LIN08 is present, then LIN09 is required.
4. If LIN10 is present, then LIN11 is required.
5. If LIN12 is present, then LIN13 is required.
6. If LIN14 is present, then LIN15 is required.
7. If LIN16 is present, then LIN17 is required.
8. If LIN18 is present, then LIN19 is required.
9. If LIN20 is present, then LIN21 is required.
10. If LIN22 is present, then LIN23 is required.
11. If LIN24 is present, then LIN25 is required.
12. If LIN26 is present, then LIN27 is required.
13. If LIN28 is present, then LIN29 is required.
14. If LIN30 is present, then LIN31 is required.

Semantic Notes:
Comments:
1. See the Data Dictionary for a complete list of ID's.
2. LIN01 is the line item identification
3. LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
LIN01	350	**Assigned Identification**	O AN 1/11	
		Alphanumeric characters assigned for differentiation within a transaction set		
LIN02	235	**Product/Service ID Qualifier**	M ID 2/2	>>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		BP Buyer's Part Number		
LIN03	234	**Product/Service ID**	M AN 1/30	>>
		Identifying number for a product or service		
LIN04	235	**Product/Service ID Qualifier**	O ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		DR Drawing Revision Number		
LIN05	234	**Product/Service ID**	X AN 1/30	
		Identifying number for a product or service		
LIN06	235	**Product/Service ID Qualifier**	O ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VP Vendor's (Seller's) Part Number		
LIN07	234	**Product/Service ID**	X AN 1/30	
		Identifying number for a product or service		
LIN08	235	**Product/Service ID Qualifier**	O ID 2/2	
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		EC Engineering Change Level		

LIN09	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

LIN10	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

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

    CR   Contract Number

LIN11	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

LIN12	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

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

    ZZ   Mutually Defined –FPOT

LIN13	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

LIN14	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

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

    TP   Product Type Code
                           KANBAN INDICATOR

LIN15	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

KANBAN or REGULAR

Notes:

When LIN13=ZZ, then LIN14 Y (yes) or N (no).

Segment: # UIT Unit Detail

Position:	020
Loop:	LIN Mandatory
Level:	Detail:
Usage:	Mandatory
Max Use:	1
Purpose:	To specify item unit data
Syntax Notes:	1 If UIT03 is present, then UIT02 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
UIT01	**355**	**Unit or Basis for Measurement Code**	M ID 2/2	>>
		Code identifying the basic unit of measurement.		

Segment:	**PID** Product/Item Description	
Position:	080	
Loop:	LIN Mandatory	
Level:	Detail:	
Usage:	Optional	
Max Use:	1000	
Purpose:	To describe a product or process in coded or free-form format	
Syntax Notes:	1	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
Semantic Notes:		
Comments:	1	If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used.
	2	Use PID03 to indicate the organization that publishes the code list being referred to.
	3	PID04 should be used for industry-specific product description codes.
	4	Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
PID01	349	**Item Description Type**	M	ID 1/1	>>
		Code indicating the format of a description.			
		F Free-form			
PID05	352	**Description**	X	AN 1/80	>>
		A free-form description to clarify the related data elements and their content			

Segment: # PWK Paperwork

Position:	100
Loop:	LIN Mandatory
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To specify the type and transmission of paperwork relating to a product, order or report.
Syntax Notes:	1 P0506 - If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:
Comments: 1   PWK05 and PWK06 may be used to identify the addressee by a code number.
2   PWK07 may be used to indicate special information to be shown on the specified report.
3   PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
PWK01	755	**Report Type Code**	M ID 2/2	
		CO = Consignment Order		
		RO = Regular Order		
PWK02	756	**Report Trans. Code**	M ID 2/2	
		EL = Electronically only		

Segment: **PRS** **Part Release Status**
Position: 130
Loop: LIN   Mandatory
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To indicate the status of the part being ordered or forecast with respect to this material release or planning document
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
PRS01	682	**Part Release Status Code**	M	ID 1/2	>>

Code identifying the status of the specific part number being released or forecast.

   R   Replacement Orders

| PRS02 | 352 | **Description** | O | AN 1/80 | |

A free-form description to clarify the related data elements and their content.

Segment: **REF** Reference Numbers
Position: 140
Loop: LIN   Optional
Level: Detail:
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1   At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
REF01	128	**Reference Number Qualifier**	M	ID 2/2	>>

Code qualifying the Reference Number.

GC	Government Contract Number
GP	Government Priority Number
ME	Message Address or ID
	Quality &/or Shipping Codes

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
REF02	127	**Reference Number**	X	AN 1/30	

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Segment:	**PER** Administrative Communications Contact
	Position:	150
	Loop:	LIN Mandatory
	Level:	Detail:
	Usage:	Optional
	Max Use:	3
	Purpose:	To identify a person or office to whom administrative communications should be directed
	Syntax Notes:	**1** If either PER03 or PER04 is present, then the other is required.
	Semantic Notes:	
	Comments:	

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
PER01	366	**Contact Function Code**		M ID 2/2	>>
		Code identifying the major duty or responsibility of the person or group named			
		BD	Buyer Name or Department		
		EX	Expeditor		
PER02	93	**Name**		O AN 1/35	
		Free-form name			
PER03	365	**Communication Number Qualifier**		X ID 2/2	
		Code identifying the type of communication number			
		FX	Facsimile		
		TE	Telephone		
PER04	364	**Communication Number**		X AN 7/25	
		Complete communications number including country or area code when applicable			

Segment: # LDT Lead Time

Position: 210
Loop: LIN   Mandatory
Level: Detail:
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services.
Syntax Notes:
Semantic Notes:
Comments: 1   LDT04 is the effective date of lead time information.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
LDT01	345	Lead Time Code	M	ID 2/2	>>
		Code indicating the time range.			
		AF >From Date of PO receipt to delivery.			
LDT02	380	Quantity	M	R 1/15	
		Numeric value of quantity.			
LDT03	344	Unit of Time Period Code	M	ID 2/2	
		Code indicating the time period.			
		BD Buyer's Manufacturing Days			

Segment:	**N1** Name				
Position:	320				
Loop:	N1 Optional				
Level:	Detail:				
Usage:	Optional				
Max Use:	1				
Purpose:	To identify a party by type of organization, name, and code				
Syntax Notes:	1 At least one of N102 or N103 is required.				
	2 If either N103 or N104 is present, then the other is required.				
Semantic Notes:					
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.				

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
N101	**98**	**Entity Identifier Code**	**M**	**ID 2/2**	>>
		Code identifying an organizational entity or a physical location.			
		IC Intermediate Consignee			
		SF Ship From			
		ST Ship To			
N102	**93**	**Name**	**X**	**AN 1/35**	
		Free-form name			
N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**	
		Code designating the system/method of code structure used for Identification Code (67)			
		1 Dun and Bradstreet (Credit Reporting) (DUNS)			
N104	**67**	**Identification Code**	**X**	**AN 2/17**	
		Code identifying a party.			
		018517698 for Tempe			
		103771140 for Rocky Mount			
		627001258 for South Bend - ESA			
		623676939 for South Bend - Assets			
		104035696 for Tucson			

Segment: **N2** **Additional Name Information**
Position: 330
Loop: N1   Optional
Level: Detail:
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
N201	93	**Name**	M	AN 1/35	>>
		Free-form name			
N202	93	**Name**	O	AN 1/35	
		Free-form name			

Segment: # N3 Address Information
Position: 340
Loop: N1   Optional
Level: Detail:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
N301	166	**Address Information**	M	AN 1/35	>>
		Address information			
N302	166	**Address Information**	O	AN 1/35	
		Address information			

Segment: **N4** **Geographic Location**
Position: 350
Loop: N1   Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1   At least one of N401 or N405 is required.
2   If either N405 or N406 is present, then the other is required.

Semantic Notes:
Comments: 1   A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2   N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
N401	19	City Name	X AN 2/19	
		Free-form text for city name		
N402	156	State or Province Code	O ID 2/2	
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O ID 4/9	
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O ID 2/2	
		Code identifying the country		

Segment: # REF Reference Numbers
Position: 360
Loop: N1   Optional
Level: Detail:
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1   At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
REF01	128	**Reference Number Qualifier**	M	ID 2/2	>>
		Code qualifying the Reference Number.			
		DK Dock Number			
		RL Reserve Assembly Line Feed Location			
REF02	127	**Reference Number**	X	AN 1/30	
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
REF03	352	**Description**	X	AN 1/80	
		A free-form description to clarify the related data elements and their content			

Segment: **FST** Forecast Schedule
Position: 410
Loop: FST   Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify the forecasted dates and quantities
Syntax Notes: 1   If either FST06 or FST07 is present, then the other is required.
              2   If either FST08 or FST09 is present, then the other is required.
Semantic Notes:
Comments: 1   As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval.
              2   If FST03 - "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.
              3   FST06 - To qualify time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock, to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as "AM" or "PM".

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
FST01	380	**Quantity**	M R 1/15	>>
		Numeric value of quantity		
FST02	680	**Forecast Qualifier**	M ID 1/1	>>
		Code specifying the sender's confidence level of the forecast data.		

        C   Firm
        D   Planning
        H   First Time Reported Firm
        Z   Mutually Defined – Promise by supplier

| FST03 | 681 | **Forecast Timing Qualifier** | M ID 1/1 | >> |
| | | Code specifying interval grouping of the forecast | | |

        D   Discrete
        F   Flexible Interval (from Date X through Date Y)
        M   Monthly Bucket (Calendar Months)
        W   Weekly Bucket (Monday through Sunday)

FST04	373	**Date**	M DT 8/8	>>
		Date (CCYYMMDD)		
FST05	373	**Date**	**M** DT 8/8	
		Date (CCYYMMDD) **= NEED DATE**		
FST06	374	**Date/Time Qualifier**	X ID 3/3	
		Code specifying type of date or time, or both date and time		

        002   Delivery Requested
        171   Revision

| FST08 | 128 | **Reference Number Qualifier** | X ID 2/2 | |
| | | Code qualifying the Reference Number. | | |

        BV   Purchase Order Line Item Identifier (Buyer)
        PO   Purchase Order Number

| FST09 | 127 | **Reference Number** | X AN 1/30 | |
| | | Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. | | |

NOTES: When FST02 = C, FST05 will be populated with the Need Date (Mandatory)
NOTES: When FST02 = Z, FST04 will be populated with the Promise Date

Segment: **SDQ** **Destination Quantity**
Position: 420
Loop: FST   Optional
Level: Detail:
Usage: Optional
Max Use: 50
Purpose: To specify destination and quantity detail.
Syntax Notes:
1   If SDQ05 is present, then SDQ06 is required
2   If SDQ07 is present, then SDQ08 is required
3   If SDQ09 is present, then SDQ10 is required
4   If SDQ11 is present, then SDQ12 is required
5   If SDQ13 is present, then SDQ14 is required
6   If SDQ15 is present, then SDQ16 is required
7   If SDQ17 is present, then SDQ18 is required
8   If SDQ19 is present, then SDQ20 is required
9   If SDQ21 is present, then SDQ22 is required

Semantic Notes:
Comments: 1   SDQ02 is used only if different than previously defined in the transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
SDQ01	355	**Unit of Measurement Code**	M	ID 2/2	>>
		Code identifying the basic unit of measurement.			
SDQ02	66	**Identification Code Qualifier**	O	ID 1 /2	
		Code designating the system/method of code structure used for Identification Code (67).			
SDQ03	67	**Identification Code**	M	AN 2/17	>>
		Code identifying a party			
		CSM Consigned Material			
SDQ04	380	**Quantity**	M	R 1/15	>>
		Numeric value of quantity.			

Segment: **LM** Code Source Information
Position: 430
Loop: LM
Level: Detail:
Usage: Optional
Max Use: 1
Loops: >1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: **LM02 identifies the applicable industry code list source information.**

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
LM01	559	Agency qualifier Code.	M	ID 2/2	>>
		ZZ Mutually Defined			
LM02	822	Source Sub qualifier	O	AN 1/15	

Segment:LQ Industry Code

Position:	440
Loop:	LM
Level:	Detail:
Usage:	Optional
Max Use:	100
Purpose:	To transmit standard industry codes
Syntax Notes:	
Semantic Notes:	
Comments:	**If LQ01 is present, then LQ02 is required.**

Data Element Summary

Ref. Des.	Data Element	Name		Base Attributes	User Attributes
LQ01	**1270**	**Code List Qualifier**		**O ID 1/3**	**>>**
		ZZ	Mutually Defined		
		JD	Quantity per Unit		
		LA	Contract		
		94	Identification Code		
LQ02	**1271**	**Industry Code**		**C AN 1/30**	

Notes:
When LQ01=ZZ, then LQ02=DPAS information
When LQ01=JD, then LQ02 = DPAS quantity
When LQ01=LA, then LQ02 = Primary Contract
When LQ01=94, then LQ02 = CID

Segment: **SHP** Shipped/Received Information

Position: 470
Loop: SHP   Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify shipment and/or receipt information
Syntax Notes: 1   If SHP01 is present, then SHP02 is required.
                   2   If SHP04 is present, then SHP03 is required.

Semantic Notes:
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 = "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.
                3   SHP04 - The date shipped, delivered, received, or the cumulative quantity start date (as qualified by SHP03).
                4   SHP06 - The cumulative quantity end date.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
SHP01	673	**Quantity Qualifier**	O	ID 2/2	
		Code specifying the type of quantity			
		01 Discrete Quantity			
		02 Cumulative Quantity			
SHP02	380	**Quantity**	X	R 1/15	
		Numeric value of quantity			
SHP03	374	**Date/Time Qualifier**	X	ID 3/3	
		Code specifying type of date or time, or both date and time			
		050 Received			
SHP04	373	**Date**	O	DT 8/8	
		Date (CCYYMMDD)			
SHP06	373	**Date**	O	DT 8/8	
		Date (CCYYMMDD)			

Segment:	**REF** Reference Numbers
Position:	480
Loop:	SHP Optional
Level:	Detail:
Usage:	Optional
Max Use:	5
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
REF01	128	Reference Number Qualifier	M	ID 2/2	>>

Code qualifying the Reference Number.

       PK   Packing List Number

       SI   Shipper's Identifying Number for Shipment (SID)

                      A unique number (to the shipper) assigned by the shipper to identify the shipment

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
REF02	127	Reference Number	X	AN 1/30	

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	# CTT Transaction Totals		
Position:	010		
Loop:			
Level:	Summary:		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To transmit a hash total for a specific element in the transaction set		
Syntax Notes:	1	If CTT03 is present, then CTT04 is required.	
	2	If CTT05 is present, then CTT06 is required.	
Semantic Notes:			
Comments:	1	This segment is intended to provide hash totals to validate transaction completeness and correctness.	

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes	User Attributes
CTT01	**354**	**Number of Line Items**	**M N0 1/6**	**>>**
		Total number of line items in the transaction set		

Segment: **SE** **Transaction Set Trailer**
Position: 020
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Base Attributes		User Attributes
SE01	96	**Number of Included Segments**	M	N0 1/6	>>
		Total number of segments included in a transaction set including ST and SE segments			
SE02	329	**Transaction Set Control Number**	M	AN 4/9	>>
		Identifying control number assigned by the originator for a transaction set.			