NIST Special Publication 881-86

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 830R Planning Schedule with Release Capability (Special Program Requirements)

Implementation Convention

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[1] At Boulder, CO 80303.
[2] Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
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Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

830 Planning Schedule with Release Capability

<div align="right">Functional Group ID=**PS**</div>

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Planning Schedule with Release Capability Transaction Set (830) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business practice relative to the transfer of forecasting/material release information between organizations. The planning schedule transaction may be used in various ways or in 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.

Notes:

1. Organizations use this transaction set to transmit Special Program Requirements (SPRs) to Inventory Control Points (ICPs)/Integrated Material Managers (IMMs).

2. Use a single occurrence of this transaction set to transmit SPR transactions to one or more ICPs/IMMs. Use one occurrence of this transaction set to transmit a single or multiple transactions.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BFR	Beginning Segment for Planning Schedule	M	1		
Not Used	025	XPO	Preassigned Purchase Order Numbers	O	>1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
Not Used	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	110	CSH	Sales Requirements	O	1		
Not Used	120	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	130	DTM	Date/Time Reference	O	10		
Not Used	140	PID	Product/Item Description	O	200		
Not Used	150	MEA	Measurements	O	40		
Not Used	160	PWK	Paperwork	O	25		
Not Used	170	PKG	Marking, Packaging, Loading	O	25		
Not Used	180	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	190	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	200	TD3	Carrier Details (Equipment)	O	12		
Not Used	210	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		

830R - Planning Schedule with Release Capability (Special Program Requirements)

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	220	MAN	Marks and Numbers	O	10		
			LOOP ID - N1			200	
Must Use	230	N1	Name	O	1		
Not Used	240	N2	Additional Name Information	O	2		
Not Used	250	N3	Address Information	O	2		
Not Used	260	N4	Geographic Location	O	1		
Not Used	270	REF	Reference Identification	O	12		
Not Used	280	PER	Administrative Communications Contact	O	3		
Not Used	290	FOB	F.O.B. Related Instructions	O	1		
			LOOP ID - LM			>1	
Not Used	300	LM	Code Source Information	O	1		
Not Used	310	LQ	Industry Code	M	100		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			>1	
Must Use	010	LIN	Item Identification	M	1		
Not Used	020	UIT	Unit Detail	O	1		
Not Used	021	DTM	Date/Time Reference	O	10		
Not Used	030	CUR	Currency	O	1		
Not Used	060	PO3	Additional Item Detail	O	25		
Not Used	070	CTP	Pricing Information	O	25		
Not Used	080	PID	Product/Item Description	O	1000		
Not Used	090	MEA	Measurements	O	40		
Not Used	100	PWK	Paperwork	O	25		
Not Used	110	PKG	Marking, Packaging, Loading	O	25		
Not Used	120	PO4	Item Physical Details	O	1		
Not Used	130	PRS	Part Release Status	O	1		
Must Use	140	REF	Reference Identification	O	12		
Not Used	150	PER	Administrative Communications Contact	O	3		
Not Used	170	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	180	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	190	TAX	Tax Reference	O	3		
Not Used	200	FOB	F.O.B. Related Instructions	O	1		
Not Used	210	LDT	Lead Time	O	12		
Not Used	220	QTY	Quantity	O	>1		n1
Not Used	230	ATH	Resource Authorization	O	20		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	280	MAN	Marks and Numbers	O	10		
Not Used	290	DD	Demand Detail	O	10		
			LOOP ID - SLN			100	
Not Used	300	SLN	Subline Item Detail	O	1		
Not Used	310	PID	Product/Item Description	O	1000		
Not Used	315	NM1	Individual or Organizational Name	O	10		

LOOP ID - N1						200	
Must Use	320	N1	Name	O	1		
Not Used	330	N2	Additional Name Information	O	2		
Not Used	340	N3	Address Information	O	2		
Not Used	350	N4	Geographic Location	O	1		
Not Used	360	REF	Reference Identification	O	12		
Not Used	370	PER	Administrative Communications Contact	O	3		
Not Used	380	FOB	F.O.B. Related Instructions	O	1		
LOOP ID - LM						>1	
Must Use	390	LM	Code Source Information	O	1		
Must Use	400	LQ	Industry Code	M	100		
LOOP ID - FST						>1	
Must Use	410	FST	Forecast Schedule	O	1		n2
Not Used	420	SDQ	Destination Quantity	O	50		
LOOP ID - LM						>1	
	430	LM	Code Source Information	O	1		
Must Use	440	LQ	Industry Code	M	100		
LOOP ID - SDP						260	
Not Used	450	SDP	Ship/Delivery Pattern	O	1		
Not Used	460	FST	Forecast Schedule	O	260		
LOOP ID - SHP						25	
Not Used	470	SHP	Shipped/Received Information	O	1		
Not Used	480	REF	Reference Identification	O	5		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n3
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. QTY is used to specify supplemental quantities relevant to the forecast function. However, QTY is not related to the actual forecast quantity in the FST segments.
2. At least one occurrence of segment FST is required, either in the FST loop or within the SDP loop. These two loops are mutually exclusive.
3. Number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (FST01) for each FST segment.

Segment:	**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:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			830 X12.14 Planning Schedule with Release Capability	
Must Use	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

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:	1	If BFR01 contains the value "04" (Net Change), BFR09 is required.
	2	BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.
	3	BFR06 is the forecast horizon start date: The date when the forecast horizon (envelope) begins.
	4	BFR07 is the forecast horizon end date: The date when the forecast horizon (envelope) ends.
	5	BFR08 is the date forecast generated: The date the forecast data was generated.
	6	BFR09 is the date forecast updated: The date the forecast was updated with "net change" data. (Used only when data element 353 in BFR01 contains the value "04", meaning net change.)
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BFR01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

00	Original
77	Simulation Exercise

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BFR02	127	**Reference Identification**	X AN 1/30

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

Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.

	Ref. Des.	Data Element	Name	Attributes
Not Used	BFR03	328	**Release Number**	X AN 1/30

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

	Ref. Des.	Data Element	Name	Attributes
Must Use	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

PR	Planned Requirement Based

Use to indicate requirements data reflecting planned program requirement projections not based on historical demand.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BFR05	676	**Schedule Quantity Qualifier**	M ID 1/1

Code identifying the type of quantities used when defining a schedule or forecast

A	Actual Discrete Quantities

Use to indicate that quantities reflect discrete requirements.

Must Use	BFR06	373	Date	M	DT 6/6

Date (YYMMDD)

Must use to identify the forecast period start date for which all identified material support should be available. This date represents the outside start date for all table 2 iterations.

	BFR07	373	Date	O	DT 6/6

Date (YYMMDD)

Use to identify the forecast period end date for which all identified material support should be available. This date represents the outside end date for all table 2 iterations.

Must Use	BFR08	373	Date	M	DT 6/6

Date (YYMMDD)

Use to identify the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).

Not Used	BFR09	373	Date	O	DT 6/6

Date (YYMMDD)

Not Used	BFR10	367	Contract Number	O	AN 1/30

Contract number

Not Used	BFR11	324	Purchase Order Number	O	AN 1/22

Identifying number for Purchase Order assigned by the orderer/purchaser

Must Use	BFR12	783	Planning Schedule Type Code	O	ID 2/2

Code identifying type of planning schedule used

    XA   Requirement Forecast

Must use to indicate the transaction is an SPR forecast.

Not Used	BFR13	306	Action Code	O	ID 1/2

Code indicating type of action

Segment:	**N1** Name	
Position:	230	
Loop:	N1	Optional (Must Use)
Level:	Heading	
Usage:	Optional (Must Use)	
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.
	2	N105 and N106 further define the type of entity in N101.
Notes:	*Must use this 1/N1/230 loop to identify the organization originating the transaction set.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**		M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			41	Submitter	
				Entity transmitting transaction set	
				Must use to identify the submitter of the SPR requirement.	
Not Used	N102	93	**Name**		X AN 1/35
			Free-form name		
Must Use	N103	66	**Identification Code Qualifier**		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			1	D-U-N-S Number, Dun & Bradstreet	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10	Department of Defense Activity Address Code (DODAAC)	
			M4	Department of Defense Routing Identifier Code (RIC)	
				An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	**Identification Code**		X AN 2/20
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**		O ID 2/2
			Code describing entity relationship		
Must Use	N106	98	**Entity Identifier Code**		O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			FR	Message From	
				Must use to indicate the organization cited in N104 is originating the transaction set.	

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 either LIN04 or LIN05 is present, then the other is required.
2. If either LIN06 or LIN07 is present, then the other is required.
3. If either LIN08 or LIN09 is present, then the other is required.
4. If either LIN10 or LIN11 is present, then the other is required.
5. If either LIN12 or LIN13 is present, then the other is required.
6. If either LIN14 or LIN15 is present, then the other is required.
7. If either LIN16 or LIN17 is present, then the other is required.
8. If either LIN18 or LIN19 is present, then the other is required.
9. If either LIN20 or LIN21 is present, then the other is required.
10. If either LIN22 or LIN23 is present, then the other is required.
11. If either LIN24 or LIN25 is present, then the other is required.
12. If either LIN26 or LIN27 is present, then the other is required.
13. If either LIN28 or LIN29 is present, then the other is required.
14. If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:
1. LIN01 is the line item identification

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.

Notes: *Must use the 2/LIN/010 loop to identify the type of transaction, material, transaction number, and information associated with the projected requirement.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LIN01	350	Assigned Identification	O AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

A - SPR submission

B - SPR Security Assistance (SPR SA) submission

C - Cancellation of previously submitted SPR
    Use indicates cancellation of the entire open SPR quantity.

D - Modification of a previously submitted SPR

E - Inquiry on status of previously submitted SPR

F - Acceptance of offer to provide substitute material

G - Rejection of offer to provide substitute material

	Ref. Des.	Data Element	Name	Attributes
Must Use	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)
Use only one of codes A1, A2, A4, FB, FS, MG, TP or YP to identify the material. Must use National Stock Number (NSN) when known.

    A1   Plant Equipment Number
                     Item identifier is a plant equipment number

		Use to identify plant equipment.
	A2	Department of Defense Identification Code (DoDIC)
		Qualifies a code that uniquely identifies a type of explosive or ammunition
		Use to identify ammunition items.
	A4	Subsistence Identification Number
		Item identifier is a brand-name resale subsistence item
		Use to identify subsistence items.
	FB	Form Number
		Use to identify the form stock number.
	FS	National Stock Number
		Must use the NSN when known.
	MG	Manufacturer's Part Number
		Use to identify nonstandard material.
	TP	Product Type Code
		For clothing and footwear, use to identify the NSN when the material requested represents a generic requirement for which the quantity should be distributed across a predefined range of sizes.
	YP	Publication Number
		Use to identify the publication stock number.

Must Use	LIN03	234	Product/Service ID	M	AN 1/40

Identifying number for a product or service

	LIN04	235	Product/Service ID Qualifier	X	ID 2/2

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

ZB   Commercial and Government Entity (CAGE) Code

A code that identifies a commercial contractor authorized to do business with the U.S. government
Use with LIN02 code MG to uniquely identify a manufacturer's part number.

	LIN05	234	Product/Service ID	X	AN 1/40

Identifying number for a product or service

Not Used	LIN06	235	Product/Service ID Qualifier	X	ID 2/2

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

Not Used	LIN07	234	Product/Service ID	X	AN 1/40

Identifying number for a product or service

Not Used	LIN08	235	Product/Service ID Qualifier	X	ID 2/2

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

Not Used	LIN09	234	Product/Service ID	X	AN 1/40

Identifying number for a product or service

Not Used	LIN10	235	Product/Service ID Qualifier	X	ID 2/2

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

Not Used	LIN11	234	Product/Service ID	X	AN 1/40

Identifying number for a product or service

Not Used	LIN12	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN13	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN14	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN15	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN16	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN17	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN18	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN19	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN20	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN21	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN22	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN23	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN24	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN25	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN26	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN27	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN28	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN29	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN30	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN31	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		

Segment:	**REF** Reference Identification	
Position:	140	
Loop:	LIN	Mandatory
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.
Comments:		
Notes:	*Must use to identify the transaction number associated with the SPR forecast.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	REF01	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M	ID 2/3
			TN Transaction Reference Number		
Must Use	REF02	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	REF03	352	**Description** A free-form description to clarify the related data elements and their content	X	AN 1/80
Not Used	REF04	C040	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	
Not Used	C04001	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M	ID 2/3
Not Used	C04002	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/30
Not Used	C04003	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	C04005	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

	Segment:	**N1** Name
	Position:	320
	Loop:	N1 Optional (Must Use)
	Level:	Detail
	Usage:	Optional (Must Use)
	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.
		2 N105 and N106 further define the type of entity in N101.
	Notes:	*1. Must use one iteration of this 2/N1/320 loop to identify the organization to receive the transaction.*
		2. Use additional iterations to identify other organizations associated with the transaction.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	**M ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

KA	Item Manager
	The address of the person responsible for the management of an item of supply
	Must use to identify the ICP/IMM.
P1	Preparer
	The firm, organization, or individual who determines the tax liability from information supplied by the taxpayer
	Use to identify the originator of the SPR when different from the submitting activity identified by 1/N101/230 code 41.
ST	Ship To
	1. Use in SPR transactions, except SPR modifications, to identify the organization expected to receive the material.
	2. Use in SPR modification transactions to identify the revised organization expected to receive the material.
ZD	Party to Receive Reports
	The organization designated to receive reports
	Use to identify a party to receive a copy.

	Ref. Des.	Data Element	Name	Attributes
Not Used	N102	93	**Name**	**X AN 1/35**

Free-form name

	Ref. Des.	Data Element	Name	Attributes
Must Use	N103	66	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

| | | 10 | Department of Defense Activity Address Code (DODAAC) | | |
| | | A2 | Military Assistance Program Address Code (MAPAC) | | |

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

Use as required for security assistance transactions (2/LIN01/010 code B) to indicate the structured MAPAC for the ship-to address (2/N1010/320 code ST).

| | | M4 | Department of Defense Routing Identifier Code (RIC) | | |

An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

| Must Use | N104 | 67 | **Identification Code** | X | AN 2/20 |

Code identifying a party or other code

| Not Used | N105 | 706 | **Entity Relationship Code** | O | ID 2/2 |

Code describing entity relationship

| | N106 | 98 | **Entity Identifier Code** | O | ID 2/2 |

Code identifying an organizational entity, a physical location, or an individual

| | | TO | Message To | | |

Must use with 2/N101/320 code KA to identify the organization cited in N104 is receiving the transaction.

Segment:	**LM** Code Source Information
Position:	390
Loop:	LM Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To transmit standard code list identification information
Syntax Notes:	
Semantic Notes:	
Comments:	1 LM02 identifies the applicable industry code list source information.
Notes:	*Use the 2/LM/390 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code
Position:	400
Loop:	LM Optional (Must Use)
Level:	Detail
Usage:	Mandatory
Max Use:	100
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	
Comments:	
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	**Code List Qualifier Code**	O ID 1/3

Code identifying a specific industry code list

0	Document Identification Code	

Codes that subclassify a transaction

78   Project Code

Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes
Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

80   Advice Code

Instructions to transaction recipients when narratives cannot be transmitted
Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

83   Supply Condition Code

Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable
Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

99   Purpose Code

Codes that inform the material owner why an inventory balance is being reserved
Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

A6   Freight Forwarder Number

Representatives designated by a country to accomplish or control shipments of Foreign Military Sales material
Use with SPR SA transactions in conjunction with the structured MAPAC (2/N103/320 code A2) to identify the country representative or freight forwarder expected to receive shipments and documentation.

A9   Supplementary Address

			Identifies the originating organization's unique logistics information		
		ED	Coast Designation Code		
			The location of the consignee		

Use only in SPR cancellation, SPR inquiry, SPR substitute acceptance and SPR substitute rejection transactions.

Must Use	LQ02	1271	Industry Code	X	AN 1/30
			Code indicating a code from a specific industry code list		

Segment:	**FST** Forecast Schedule	
Position:	410	
Loop:	FST Optional (Must Use)	
Level:	Detail	
Usage:	Optional (Must Use)	
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:
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.

2   FST06 qualifies the 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 a.m. or p.m.

Notes:
1. Use one or multiple repetitions of the 2/FST/410 segment for SPR cancellation, SPR substitute acceptance, SPR substitute rejection, and SPR inquiry transactions to identify the quantity, support date, and suffix code, as needed, for the transaction.

2. Use one or multiple 2/FST/410 loop iterations for SPR, SPR SA and SPR modification transactions to identify and, as needed, stratify applicable SPR forecast quantities by related support dates and suffix code.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FST01	380	Quantity Numeric value of quantity	M R 1/15

1. Express as a number with no decimal.

2. Use in SPR, SPR SA and SPR inquiry transactions to identify the forecast quantity.

3. Use in SPR substitute acceptance transactions to identify the quantity for which a substitute is acceptable.

4. Use in SPR rejection transactions to identify the quantity for which a substitute is not acceptable.

5. Use in SPR modification transactions to identify the revised SPR forecast quantity.

6. Use in SPR cancellation transactions to identify the forecast quantity to be cancelled.

	Ref. Des.	Data Element	Name	Attributes
Must Use	FST02	680	Forecast Qualifier Code specifying the sender's confidence level of the forecast data or an action associated with a forecast	M ID 1/1

        D   Planning

                    Use only for SPR, SPR SA, SPR substitute acceptance, SPR substitute rejection, and SPR inquiry transactions.

        W   Cancellation

			Use only for SPR cancellation transactions.		
		X	Modification		
			Use only for SPR modification transactions.		

Must Use	FST03	681	**Forecast Timing Qualifier**	M	ID 1/1

Code specifying interval grouping of the forecast

		D	Discrete		

Use to indicate all forecast quantities are discrete quantities.

Must Use	FST04	373	**Date**	M	DT 6/6

Date (YYMMDD)

Use in SPR, SPR SA, SPR substitute acceptance, SPR substitute rejection, SPR cancellations and SPR inquiry transactions to identify the specific support date (i.e., the date on which program related requisitions will be initiated). Use in SPR modification transactions to identify the revised support date.

Not Used	FST05	373	**Date**	O	DT 6/6

Date (YYMMDD)

Not Used	FST06	374	**Date/Time Qualifier**	X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	FST07	337	**Time**	X	TM 4/8

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)

	FST08	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

		W8	Suffix		

Differentiates between partial actions taken on the original transaction

Use to identify the suffix code associated with the 2/REF/140 transaction number and quantity.

	FST09	127	**Reference Identification**	X	AN 1/30

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

Not Used	FST10	783	**Planning Schedule Type Code**	O	ID 2/2

Code identifying type of planning schedule used

Segment:	**LM** Code Source Information
Position:	430
Loop:	LM Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit standard code list identification information
Syntax Notes:	
Semantic Notes:	
Comments:	1 LM02 identifies the applicable industry code list source information.
Notes:	*1. Use this 2/LM/430 loop to identify coded information maintained in departmental or agency documentation.*
	2. Use this 2/LM/430 loop only in SPR, SPR SA, and SPR modification transactions to identify data associated with the forecast quantities provided in the 2/FST/410 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code
Position:	440
Loop:	LM Optional
Level:	Detail
Usage:	Mandatory
Max Use:	100
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	
Comments:	
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	**Code List Qualifier Code**	O ID 1/3

Code identifying a specific industry code list

78	Project Code

Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes
Must use for original SPR and SPR SA transactions. Use in SPR modification transactions to identify the revised project code.

80	Advice Code

Instructions to transaction recipients when narratives cannot be transmitted
Use as needed for SPR and SPR SA transactions.

83	Supply Condition Code

Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable
Use for SPR and SPR SA transactions to identify the supply condition of the required material; otherwise, do not use.

99	Purpose Code

Codes that inform the material owner why an inventory balance is being reserved
Use for SPR and SPR SA transactions to identify the purpose of the required material.

ED	Coast Designation Code

The location of the consignee
Use for original SPR and SPR SA transactions to identify the relative consignee location. Use in SPR modification transactions to identify the revised relative consignee location.

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ02	1271	**Industry Code**	X AN 1/30

Code indicating a code from a specific industry code list

	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	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one cited in ST02.	

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