



Defense Medical Logistics Standard Support (DMLSS)

Release 3.06

PHARMACY

EDI Upgrade Initiatives

Version 5b

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Revisions

The following updates have been made in the DMLSS Price/Sales Catalog Transaction Set (832) for use within an Electronic Data Interchange (EDI) environment.

Segment	Revision	Version	Page
1/DTM/070 Date/Time Reference	Updated note #2 for data elements 007 and 036. MEDPIC replaces GPO contracts.	1	10
1/N1/150 Name	Updated Notes 1 and 3. Deleted Note 5.	1	11
1/PER/200 Administrative Communications Contact	Updated Notes.	1	14
1/N9/230 Reference Identification	Updated Notes. Updated notes for Data Element 127.	1	N/A
2/PO1/012 Baseline Item Data	Removed Data Element 235, Codes GE, MF and ZB. Added Code MG. Removed Ref. Des. PO107, PO108, and PO109. Added note to list Manufacturer's Part Number.	1	N/A
2/REF/040 Reference Identification	Updated Notes and Ref. Des. REF02, Data Element 127 notes. Added contract type DNC.	1	N/A
2/PID/070 Product/Item Description	Added new Seg. ID, Data Element and code. Updated Ref. Des. PID02. Added Data Element 750.	1	N/A
2/CTP/170 Pricing Information	Data Sample Price/Sales Catalog. Added two new codes for Ref. Des.CTP02, Data Element 236.	1	N/A
2/N1/230 Name	Data Sample Price/Sales Catalog Update. Added Ref. Des. N102, Data Element 93.	1	N/A
2/SLN/350 Subline Item Detail	Removed Note #2. Added Ref. Des.SLN08, Data Element 662.	1	N/A
N/A	Added Sample 832 EDI File	2	N/A
N/A	Added DMLSS Mandatory and Optional Fields to Notes	2	All pages

Segment	Revision	Version	Page
N/A	Separated document for Pharmacy and Med/Surg Initiatives	2	N/A
N/A	Samples of data segments from file samples added to notes per applicable segment	2	N/A
N/A	Removed verbiage 'DAPA PV' and replaced with 'Prime Vendor'	3	N/A
N/A	Updated DMLSS Requirements for Processing Note #20 – 'DMLSS requires the site's contract number, effective date, and expiration date to be included in the 832 file' - to remove verbiage of requests for effective and expiration dates.	3	N/A
1/DTM/070	Removed: Date/Time Reference – call out for beginning and ending price effective dates	3	N/A
1/N1/150	Removed: Name – call out for customer distribution center name and D-U-N-S #	3	N/A
1/N3/170	Removed: Address Information – call out for customer distribution center address information	3	N/A
1/N4/180	Removed: Geographic Location – call out for geographic location of customer distribution center	3	N/A

Segment	Revision	Version	Page
1/PER/200	Removed: Administrative Communications Contact – administrative contact at customer distribution center	3	N/A
1/N9/230	Reference Identification – Removed note #2: <i>If the contract number varies by item, use the 2/CTP/170 loop.</i>	3	N/A
1/DTM/240	Date/Time Reference – call out for date/time file is transmitted to the DMLSS server. Removed Data Element Codes in Reference Description cited DTM04 for CT (Central Time), ET (Eastern Time), MT (Mountain Time), and PT (Pacific Time). LT (Local Time) remains as the requested time to be listed in the cited segment.	3	N/A
Requirements for Processing	Updated to agree with Rev. 4 changes	4	5
Implementation Plan	Updated verbiage to read: PV Updates will be received from the PV via the DAASC VAN in a ‘REAL-Time’ mode.	4	4
1/N1/150	Name – Added back into the data summary to indicate the vendor and customer D-U-N-S number.	4	4
1/N9/230	Reference Identification – Removed the cited segment to indicate the DSCP contract number from the DMLSS UDF.	4	N/A
2/LIN/010	Line Item Identification – Added data code ‘MG’ Manufacturer P/N for LIN02/DE235. Revised notes.	4	20
2/PO1/12	Baseline Item Data – Removed the cited segment to indicate manufacturer’s data from the DMLSS UDF.	4	21

Segment	Revision	Version	Page
2/REF/040	Reference Identification – Cited to indicate the Government Price List Number. Revised to list alternative products and their descriptions. Added two new codes for DE128: XB and 82.	4	22
2/YNQ/045	Yes/No Question – Cited to indicate if there is stock in at the customer distribution center. Data code ‘N’ has been removed for DE1073.	4	23
2/PID/070	Product/Item Description – Added two new data codes under PID02/DE750. Revised notes.	4	25
2/TD4110	Carrier Details – Removed all codes listed under DE152, except ‘FL’ Flammable. Added new pricing information.	4	30
2/CTP/170	Pricing Information – Added back in to acquire pricing for Non-Contracted items only.	4	30
2/N1/230	Name – Removed N103/DE66 code 33, CAGE, and N104/DE67.	4	31
Sample File Set	Updates to agree with Revision 4 changes	4	34
832 Data Summary	Removed call-out for detail 2/REF/040 Reference Identification	5	4
2/LIN/010	Line Item Description – Added LIN04 through LIN07 to cite the Manufacturer’s Part Number and Vendor Catalog Number when the NDC is not available	5	11
2/REF/040	Reference Identification - Removed	5	N/A

Segment	Revision	Version	Page
2/CTB/060	Restrictions/Conditions – Removed the data code ‘SP’ – special Order Only cited under Segment CTB01/DE688	5	13
2/CTP/170	Pricing Information – Changed the AWP to read CTP. Added notes for the D01, DPR, D03, DNC and VNC: DSCP PV Do Not Submit Pricing – This Is for future use in DMLSS.	5	20-21
All Data Segments	Updated Data Samples	5a	All Data Segment Pages
832 Data File Sample	Updated Sample File to correct errors and provide sample for changes.	5a	25
DMLSS Requirements for Processing	Removed Note #8 – DMLSS requires the transmit date/time to be listed in the 832 files. (This note is being removed as a result of the 1/DTM/240 segment removed in rev. 3)	5b	2
1/BCT/020	Beginning Segment for Price/Sales Catalog – Added a note for segment BCT10/DE353/02 Add. Updated notes for BCT10/DE35303 Delete	5b	7-8
1/N1/150	Name – Updated note for segment N103/DE66 – removed note.	5b	9
2/LIN/010	Item Identification – Updated Notes to indicate the data segment to use when listing the manufacturer’s name for the items indicated in the LIN segment. Added a note referencing the EDI 846 Inv/Adv File as a reference to list substitute items.	5b	10

Segment	Revision	Version	Page
2/LIN/010 (con't)	Added notes for each data code N4, MG and VC indicated for LIN02/DE235.	5b	11
2/PID/070	Product/Item Description – Updated data description for data code 'D1'. Updated note for data code 'D1'. Updated data description for data code 'D2'.	5b	15
2/N1/230	Name – Updated note to indicate this segment is used to list the manufacturer's name of the items indicated in 2/LIN/010.	5b	22
Sample File Set	Updated	5b	25

End of EDI X.12 832 Price/Sales Catalog Revisions

Revisions

The following additions have been made in the DMLSS EDI Initiative Proposal. This addition corresponds with the EDI X.12 830 Item Usage Forecast/Monthly Consumption Transaction Set

Segment	Revision	Version	Page
EDI X.12 997	Functional Acknowledgment – Added data segments cited for the prime vendor to send as an acknowledgment receipt of the EDI X.12 830 file	5	82-101

End of EDI X.12 997 Functional Acknowledgement Revisions

Revisions

The following updates have been made in the DMLSS Line Item Acknowledgement Update File Transaction Set (**855**) for use within an Electronic Data Interchange (EDI) environment.

Segment	Revision	Version	Page
Implementation Plan	Para. 1 – Last sentence, added verbiage: 'This new AA rejection code will not count against M/S or Pharm vendors when adding up fill rates. Para. 2 – Last sentence, added verbiage: "This new AR rejection code will count against M/S vendors, but will not count against Pharm vendors.	4	58
DMLSS Requirements	Para. 2 – Last sentence, added verbiage: 'and will not count against PV Medical or Pharmacy fill rates'.	4	59

End of EDI X.12 855 Line Item Acknowledgement Update Revisions

Revisions

The following updates have been made in the DMLSS Inventory Inquiry/Advice File Transaction Set (846) for use within an Electronic Data Interchange (EDI) environment.

Segment	Revision	Version	Page
Requirements for Processing	Updated to agree with Rev. 4 changes	4/1	86
1/DTM/050	Date/Time – Added segment to cite the date/time that the file is transmitted from the DMLSS server to the vendor, and from the vendor back to the DMLSS server.	4/1	90
Loop ID – LM	LM Code Source Information Loop removed.	4/1	N/A
2/PID/030	Product/Item Description – Cited to indicate the description of the item(s) in 2/LIN/010.	4/1	97-98
2/DTM/100	Date/Time – Cited to indicate specific dates associated with the transaction.	4/1	99
2/REF/140	Reference Identification – Removed from detail summary.	4/1	N/A
2/DD/250	Demand Detail – Cited to indicate whether the requested product is on the customer usage listing or not.	4/1	100
2/LM/260	Code Source Information – Removed from detail summary.	4/1	N/A
2/LQ/270	Industry Code – Removed from detail summary.	4/1	N/A
Loop ID - SLN	Subline Item Detail Loop removed.	4/1	N/A
Loop ID - MAN	Marks and Numbers Loop removed.	4/1	N/A
Loop ID - LM	2/LM/375 Code Source Information; 2/LQ/376 Industry Code; 2/LS/380 Loop Header – All Segments of the LM Loop have been removed.	4/1	N/A
2/REF/390	Reference Identification – Removed from detail summary.	4/1	N/A
2/N1/410	Name – Added N102/DE93; Removed N103/DE66 and N104/DE67.	4/1	102
3/CTT/010	Transaction Totals – Cited to indicate the number of line items in the LIN segment	4/1	103

Segment	Revision	Version	Page
Requirements for Processing	Removed DODAAC from sentence #2 and #8. Removed verbiage referring to <i>DMLSS Firewall Access Requirements Guide</i> , and reference existing routing mechanisms in place. (Old #12 is now #13). Added two new requirements (#12, #14).	5/2	86
Segment Descriptions	Corrected numbering in Notes. Revised the word 'response' in note #5 to read 'advice' Added Seg. Ids ISA and GS. Deleted Seg. Ids 2/DTM/100, 2/DD/250, 2/N1/410, and 3/CTT/010.	5/2	87, 88
ISA – Interchange Control Header	Added Segment Data Element Summary	5/2	89-92
GS – Functional Group Header	Added Segment Data Element Summary	5/2	93,94
2/BIA/020 - Beginning Segment for Inventory Inquiry/Advice	Removed notes #1 and #2. Added new user note under BIA05. Removed BIA06/DE306 and all codes.	5/2	96
2/DTM/050 – Date/Time Reference	Revised DTM01/DE374 code 205 to 600. Added user note under DTM03/DE337	5/2	97
2/N1/080 - Name	Revised N101/DE98 code BY to read code LW, and revised note under this code. Revised note under N101/DE98 code SE. Removed code 10 and 93 for N103/DE66.	5/2	98
2/LIN/010 – Item Description	Revised notes Added LIN06, LIN07, LIN08 and LIN09 to indicate substitute NDCs in file.	5/2	99,100
2/PID/030 – Product/Item Description	Revised code for PID01/DE249 Removed PID02/DE750 and all data codes. Removed data codes listed for PID05/DE352	5/2	101
2/DTM/100 – Date/Time Reference	Removed segment	5/2	N/A
2/DD/250 – Demand Detail	Removed segment	5/2	N/A
2/QTY/320 - Quantity	Revised QTY01/DE673 codes for inquiry and response files	5/2	102
2/N1/410 - Name	Removed segment	5/2	N/A
3/CTT/010 – Txn Totals	Removed segment	5/2	N/A

End of EDI X.12 846 Inventory Inquiry/Advice Revisions

**The revision format listed for the 846 is the 5th revision
of the document and the 2nd revision of the 846 transaction.**

End of Revisions

Pharmacy Upgrade

EDI Initiatives

EDI X.12 832 Price/Sales Catalog Update

Background

Currently DMLSS Medical Treatment Facilities (MTFs) are connected to a proprietary Prime Vendor (PV) system that is updated on a daily basis with DAPA (Distribution and Pricing Agreement) inventory information. The same information is also available by accessing the PV Web Sites. DMLSS is NOT connected to any proprietary PV system. There is only an interface that ultimately reaches the PV or DMLSS via DAASC.

DMLSS updates DAPA catalog data on a monthly basis. According to our Pharmacy users, using DMLSS results in regression of functionality in the Pharmacy ordering business practices. Pharmacy users advise that they should not need multiple systems for product research. Using manual data entry to establish new catalog records in DMLSS is too time consuming and does not provide visibility of new, similar, or alternative items.

Implementation Plan

Our vision for DMLSS is to provide our users with one system for inventory inquiries, cost-effective alternatives, and expedient order response time. Streamlining logistics business practices for managing Pharmaceutical inventory can be obtained by providing the user with 'Real Time Updates' from the DAPA Prime Vendor Pharmaceutical (PVP) system(s).

With the implementation of the EDI X.12 v004010, 832 Price/Sales Catalog file, PV updates will be received from the PV via the DAASC VAN in a 'Real-Time' mode. Use of the 832 Price/Sales Catalog file results in visibility of new/alternative item listings in DMLSS catalog scopes, and advanced notice for discontinued items. Using this file will also advance EDI technology within the Department of Defense (DoD) and will minimize the number of DMLSS Pharmacy users who use multiple systems.

DMLSS Requirements for Processing

1. DMLSS requires the 832 updates for DSCP (National and Regional) DAPA items.
2. DMLSS requires the 832 updates for FSS (Federal Supply Schedule) items.
3. DMLSS requires the contract pricing type (i.e., DAPA, FSS) to be listed in the 832 files.
4. DMLSS requires the 832 data to be in regards to customer distribution center inventory.
5. DMLSS requires the sending distribution center's D-U-N-S number, and the receiving customer D-U-N-S number to be listed in the 832 header files.
6. DMLSS requires the manufacturer name (when possible) to be included in the 832 files.
7. DMLSS requires a 'Y' indicator to be listed in the 832 files regarding stocked inventory at customer distribution centers.
8. DMLSS requires the 832 to be broken down into three different file types: Adds, Changes, and Deletes.
9. DMLSS requires an 832 update to be sent per scenarios:
 - a. Add – Whenever a new item on contract becomes available to the supporting distribution center's inventory
 - b. Change – Whenever price changes occur
 - c. Delete – Whenever an item on the customer usage list is no longer available
10. DMLSS requires a 'Reason Code' to be listed within the 832-delete update. (E.g. *D1-Item Deleted, Low Usage; D2-Item Deleted, Mfg Cannot Supply*)
11. DMLSS requires, if there are multiple ordering and delivery customers within the same D-U-N-S (DoDAAC), the 832 catalog files for pharmaceutical add, change and delete updates will be submitted per D-U-N-S (DoDAAC) and not by custid.
12. DMLSS requires, upon start-up the customer PV distribution center to forward the stocked inventory to the DMLSS servers as an original file. This will assure that the DMLSS database, All and Contracted Items Scopes, includes all products offered, whether on a site's usage list or not, offering the DMLSS Pharmacy user product visibility.
13. DMLSS requires, (if possible) a restriction code regarding flammables materials to be listed within the 832 files.
14. DMLSS will accept 832 file updates from prime vendor systems anytime, not just nightly batch updates.
15. DMLSS does not require the Customer ID to be included in any of the 832 files.

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832 Price/Sales Catalog

Functional Group ID=**SC**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) 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 and industry practice relative to furnishing or requesting the price of goods or services in the form of a catalog.

Notes:

- 1. This transaction set is used by commercial firms to submit to an agency of the Federal Government a catalog of goods and/or services available to the general public; a catalog of goods and/or services available only to Government entities; sales information that is not available within a catalog; or to identify special promotions.**
- 2. This transaction set may also be used by Government agencies as a catalog of items that are for sale to other Government agencies or to the general public, e.g., the Government Printing Office.**

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BCT	Beginning Segment for Price/Sales Catalog	M	1		
			LOOP ID - N1			>1	
Must Use	150	N1	Name	O	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - LIN			>1	
	010	LIN	Item Identification	O	1		
	045	YNQ	Yes/No Question	O	10		
	060	CTB	Restrictions/Conditions	O	25		
	070	PID	Product/Item Description	O	200		
	100	PO4	Item Physical Details	O	1		
	110	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1		
			LOOP ID - CTP			100	
	170	CTP	Pricing Information	O	1		
			LOOP ID - N1			>1	
	230	N1	Name	O	1		

Summary:

DMLSS Pharmacy Upgrade Initiative

Prime Vendor EDI Proposal

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
	010	CTT	Transaction Totals	O	1		n2
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If BCT10 is used and G5301 is used, then the G5301 takes precedence.
2. Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction.

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 Sample Price/Sales Catalog Update: ST*832*0001

Notes: **DMLSS MANDATORY**

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 832 Price/Sales Catalog	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	M AN 4/9

This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.

Segment: **BCT** Beginning Segment for Price/Sales Catalog
 Position: 020
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

Syntax Notes:

Semantic Notes:

Comments:

Data Sample BCT*CP*1*****00
 Price/Sales BCT*CP*2*****02
 Catalog Update: BCT*CP*3*****03
 BCT*CP*4*****04

Notes:

DMLSS MANDATORY

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes
Must Use	BCT01	683	Catalog Purpose Code Code indicating purpose of catalog <i>Use to identify the type of catalog.</i> CP Customized Catalog for DMLSS Catalog Contract Types <i>Use to indicate a catalog of goods available only to government entities.</i>	M ID 2/2
Must Use	BCT02	684	Transaction Set Purpose Code Identifying number for catalog or superseded catalog <i>A unique number assigned by the originator of the transaction set that identifies the catalog being transmitted.</i>	O AN 1/15
	BCT09	352	Description A free-form description to clarify the related data elements and their content <i>Use to identify the title of the catalog cited in BCT02.</i>	O AN 1/80
Must Use	BCT10	353	Transaction Set Purpose Code Code identifying purpose of transaction set <i>Use of this data element is REQUIRED.</i> 00 Original <i>Use to indicate an original catalog feed to DMLSS</i> 02 Add <i>Use to indicate items that have been added after the original feed to DMLSS.</i> 03 Delete <i>1. Use to indicate a deletion from a previously transmitted catalog.</i>	O ID 2/2

Segment: **N1** Name

Position: 150

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.

Data Sample

Price/Sales

Catalog Update:

N1*SE*MCKESSON*177667227
N1*BY*NAVHOSP LEMOORE*077357960

Notes:

1. Use this loop to identify the selling and buying parties that apply to all items in the catalog.
2. Codes used in N101 at this location, may not be used in the 2/N1/230 segment.

DMLSS MANDATORY

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BY Buying Party (Purchaser)	
		SE Selling Party (Seller)	
N102	93	Name	X AN 1/60
		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 D-U-N-S Number, Dun & Bradstreet	
N104	67	Identification Code	X AN 2/80
		Code identifying a party or other code	

Segment: **LIN** Item Identification

Position: 010

Loop: LIN Optional

Level: Detail

Usage: Optional

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.

Data Sample LIN**N4*00029321013 or

Price/Sales LIN**MG*C00173 or

Catalog Update: LIN**VC*2448058 or

Notes:

1. Use the 2/N1/230/ segment to identify the manufacturer of the items stocked at the customer distribution center that are indicated in this LIN segment.
2. Use the DMLSS EDI X.12 v004010 '846 Inventory Inquiry/Advice' File to indicate customer substitute items.

DMLSS MANDATORY

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
LIN01	350	Assigned Identification	O AN 1/20
<p>Alphanumeric characters assigned for differentiation within a transaction set</p> <p><i>Use of this data element is RECOMMENDED to specify a First Data Bank (FDB) Generic Sequence Number (gen_seq_num) or alternative identifier to build a prime/alternative item relationship amongst items in the catalog. This identifier is essential to associate specific items or services in the catalog with other items. (Optional Requirement).</i></p>			

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M ID 2/2
			N4 National Drug Code in 5-4-2 Format (Pharmaceutical)	
			PREFERRED FORMAT	Mandatory
			MG Manufacturer's Part Number	
			Use this format when N4 and VC are not available	
			VC Vendor's Catalog Number	
			Only use this format when the N4 is not available	
Must Use	LIN03	234	Product/Service ID Identifying number for a product or service	M AN 1/48

Segment: **YNQ** Yes/No Question

Position: 045

Loop: LIN Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

Syntax Notes:

- 1 Only one of YNQ01 YNQ09 or YNQ10 may be present.
- 2 If either YNQ03 or YNQ04 is present, then the other is required.
- 3 If YNQ09 is present, then YNQ08 is required.

Semantic Notes:

- 1 YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
- 2 YNQ10 contains a free-form question when codified questions are not available.

Comments:

Data Sample YNQ**Y

Price/Sales

Catalog Update:

- Notes:**
1. *Use this segment to indicate if the item identified in this LIN loop is a stocked item at the customer distribution center.*
 2. *The YNQ segment applies to the BCT10 records for changes (04) only.*
 3. *The YNQ segment applies to BCT10 records for previously transmitted Add (02) records for product visibility, that are now being transmitted as Changes (04) to reflect distribution center is now stocking inventory.*

DMLSS MANDATORY

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	YNQ02	1073	Yes/No Condition or Response Code	M ID 1/1

Code indicating a Yes or No condition or response
 Y Yes

Inventory is stocked at customer distribution center

Segment: **CTB** Restrictions/Conditions
 Position: 060
 Loop: LIN Optional
 Level: Detail
 Usage: Optional
 Max Use: 25
 Purpose: To specify restrictions/conditions (such as shipping, ordering)
 Syntax Notes: **1** At least one of CTB02 CTB04 or CTB06 is required.
2 If either CTB03 or CTB04 is present, then the other is required.
3 If either CTB05 or CTB06 is present, then the other is required.

Semantic Notes:

Comments:

Data Sample CTB*OR**57*12
 Price/Sales CTB*SR**70*12
 Catalog Update:

Notes: **Use this segment to cite the item in the LIN for restriction for order quantities.**

DMLSS OPTIONAL

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes
	CTB01	688	Restrictions/Conditions Qualifier	M ID 2/2
			Code identifying the type of restriction/condition	
			OR Ordering	
			Use to indicate a minimum or maximum order quantity.	
			SR Shipping	
			Use to indicate the total Shipping Quantity contained in the Shelf Packs.	
	CTB03	673	Quantity Qualifier	X ID 2/2
			Code specifying the type of quantity	
			57 Minimum Order Quantity	
			70 Maximum Order Quantity	
	CTB04	380	Quantity	X R 1/15
			Numeric value of quantity	

Segment: **PID** Product/Item Description

Position: 070

Loop: LIN Optional

Level: Detail

Usage: Optional

Max Use: 200

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.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Sample PID*F*RX***PAROXETINE HCL 10MG TABLET 30 or
Price/Sales PID*F****D2
Catalog Update:

Notes:

1. Use to describe a product or service in a coded format, in free form text, or in both a coded format and free form text.
2. Use also to provide information related to the product or service, e.g., warranty conditions, shipping information, material condition, etc.

DMLSS MANDATORY

Data Element Summary					
	Ref.	Data	Name	Attributes	
	Des.	Element			
Must Use	PID01	349	Item Description Type	M	ID 1/1
			Code indicating the format of a description F Free-form		
			<i>Use only when a free-form text description will be carried in PID05.</i>		
	PID02	750	Product/Process Characteristic Code	O	ID 2/3
			Code identifying the general class of a product or process characteristic		

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	08	Product	
	C2	Controlled Substance – Class 2	
	C3	Controlled Substance – Class 3 (Narcotic)	
	C4	Controlled Substance – Class 4	
	C5	Controlled Substance – Class 5	
	HB	Health and Beauty Aids	
	RX	Prescription Drug	

PID05	352	Description	X	AN 1/80
-------	-----	-------------	---	------------

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

Use to provide free form text information applicable to the item cited in the same LIN loop.

D1 Item Deleted – Other

Prime Vendor use D1 code to indicate reason the product is no longer stocked at customer distribution center, or stocked as customer usage list item. D1 equates to “Item Deleted”.

D2 Item Deleted – Mfg Cannot Supply

Prime Vendor use D2 code to indicate reason the product is no longer stocked at customer distribution center, or stocked as customer usage list item. D2 equates to “Item Deleted – Mfg Cannot Supply” (for whatever reason (e.g. Discontinued, Recalled, Unavailable, Inactive, **but not Backordered**)) .

Segment:	PO4 Item Physical Details
Position:	100
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	<ol style="list-style-type: none"> 1 If either PO402 or PO403 is present, then the other is required. 2 If PO405 is present, then PO406 is required. 3 If either PO406 or PO407 is present, then the other is required. 4 If either PO408 or PO409 is present, then the other is required. 5 If PO410 is present, then PO413 is required. 6 If PO411 is present, then PO413 is required. 7 If PO412 is present, then PO413 is required. 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required. 9 If PO417 is present, then PO416 is required. 10 If PO418 is present, then PO404 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package. 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers. 3 PO417 is the ending package identifier in a range of identifiers. 4 PO418 is the number of packages in this layer.
Comments:	<ol style="list-style-type: none"> 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". 2 PO413 defines the unit of measure for PO410, PO411, and PO412.
Data Sample Price/Sales Catalog Update:	PO4*1*30*EA

- Notes:**
1. *This segment can be used to specify the weight, cube, or dimensions of the unit or intermediate pack; or the unit pack quantity or intermediate container quantity applicable to the item identified in LIN01. To specify the unit pack quantity, use PO401, and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50, and PO404 would cite code UNT.*
 2. *If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403 and PO404. In this instance, if there are 24, 12 ounce bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per intermediate container is required, use code INT in PO404 and cite the quantity in PO414.*

DMLSS OPTIONAL

Data Element Summary				
Ref. Des.	Data Element	Name	Attributes	
PO401	356	Pack The number of inner containers, or number of eaches if there are no inner containers, per outer container <i>Use to identify the unit pack quantity.</i>	O	N0 1/6
PO402	357	Size Size of supplier units in pack <i>Use only to identify the size of the individual items within a unit container.</i>	X	R 1/8
PO403	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ 2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
PO404	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required <i>Use any code from part 1 or 2 of this data element. The following is a preferred Part 1 code and should be used as indicated by the note:</i> <i>UNT Unit Use to indicate a unit container.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X	AN 3/5
PO405	187	Weight Qualifier Code defining the type of weight <i>Use any code, other than code Z.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 1/2
PO406	384	Gross Weight per Pack Numeric value of gross weight per pack <i>Use to specify the weight of a container. The weight shall be provided to 1 decimal point.</i>	X	R 1/9
PO407	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code, other than code ZZ. 2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
PO408	385	Gross Volume per Pack Numeric value of gross volume per pack <i>Use to specify the cube of a container. The cube shall be provided to 3 decimal places.</i>	X	R 1/9
PO409	355	Unit or Basis for Measurement Code	X	ID 2/2

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code, other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PO410	82	Length	X R 1/8
		Largest horizontal dimension of an object measured when the object is in the upright position	
PO411	189	Width	X R 1/8
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
PO412	65	Height	X R 1/8
		Vertical dimension of an object measured when the object is in the upright position	
		Use to specify the depth of the container.	
PO413	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code, other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PO414	810	Inner Pack	O NO 1/6
		The number of eaches per inner container	
		Use to specify the quantity of unit containers in an intermediate container.	

Segment: **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)

Position: 110

Loop: LIN Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes:

- 1 At least one of TD401 TD402 or TD404 is required.
- 2 If TD402 is present, then TD403 is required.

Semantic Notes:

- 1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Comments:

Data Sample TD4*FL
Price/Sales
Catalog Update:

Notes: *Use this segment to provide flammable material information for the item(s) cited in 2/LIN/010.*

DMLSS OPTIONAL

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code Code specifying special transportation handling instructions FL Flammable	X ID 2/3

Segment: **CTP Pricing Information**
Position: 170
Loop: CTP Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pricing information
Syntax Notes:
 1 If either CTP04 or CTP05 is present, then the other is required.
 2 If CTP06 is present, then CTP07 is required.
 3 If CTP09 is present, then CTP02 is required.
 4 If CTP10 is present, then CTP02 is required.
 5 If CTP11 is present, then CTP03 is required.
Semantic Notes:
 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
 2 CTP08 is the rebate amount.
Comments:
 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.
 See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Data Sample

Price/Sales

Catalog Update: CTP**CAT*39.68*12*EA

Notes:

1. Use this segment to specify various prices for the item identified in the LIN loop. These include the catalog price, unit prices for step ladder quantities or purchase values, or other attributes for a unit price, e.g., discounted price, Government price, Federal Supply Schedule price, etc.

DMLSS MANDATORY

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
CTP02	236	Price Identifier Code	X ID 3/3
		Code identifying pricing specification	
		Use to identify an attribute of the unit price cited in CTP03.	
		CAT	Catalog Price DSCP Prime Vendor - Use to indicate standard pricing for non-contracted items.
		D01	Federal Supply Schedule (FSS) Price DSCP PV Do Not Submit Pricing – This is for future use in DMLSS: Use to indicate the price of an item that is on Veterans Administration FSS contract.
		DPR	Discount Price DSCP PV Do Not Submit Pricing – This is for future use in DMLSS: Use to indicate the price of an item that is not on contract and a discount has been applied.
		D03	Distribution and Pricing Agreement DSCP PV Do Not Submit Pricing – This is for future use in DMLSS: Use to indicate the price of an item that is on a Distribution and Pricing Agreement contract.

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DNC DoD National Contract

DSCP PV Do Not Submit Pricing – This is for future use in DMLSS: Use to indicate the price of an item that is on Department of Defense National Contract.

VNC VA National Contract

DSCP PV Do Not Submit Pricing – This is for future use in DMLSS: Use to indicate the price of an item that is on a Veterans Administration National Contract.

CTP03 212 Unit Price X R 1/17
Price per unit of product, service, commodity, etc.

CTP04 380 Quantity X R 1/15
Numeric value of quantity

Use in conjunction with CTP05 to provide the quantity associated with the unit of measure for ordering purposes. In most instances, the number 1 is expected.

CTP05 C001 Composite Unit of Measure X
To identify a composite unit of measure (See Figures Appendix for examples of use)

Segment: **N1** Name
Position: 230
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.
 2 N105 and N106 further define the type of entity in N101.

Data Sample N1*MF*GLAXOSMITHKLINE
Price/Sales
Catalog Update:

Notes: *Use this segment to identify the manufacturer's name for items indicated in 2/LIN/010 segment.*

DMLSS MANDATORY

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) MF Manufacturer of Goods <i>Use to indicate the manufacturer of the cited item.</i>	M ID 2/3
N102	93	Name Code identifying a party or other code	X AN 1/60

Segment: **CTT** Transaction Totals
Position: 010
Loop: Summary
Level:
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:

- 1 If either CTT03 or CTT04 is present, then the other is required.
- 2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

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

Data Sample CTT*1
Price/Sales
Catalog Update:

Notes: *"CTT01" carries the total number of iterations of the "LIN" segments in the transaction set being transmitted.*

DMLSS MANDATORY

Data Element Summary			
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Attributes</u>
Must Use	CTT01	354	Name Number of Line Items Total number of line items in the transaction set M NO 1/6

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 Sample SE*14*1001
 Price/Sales
 Catalog Update:

Notes:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments <i>"SE01" carries the total number of segments included in the transaction set being transmitted. This number includes the "ST" (header) and "SE" (trailer) segments.</i>	M NO 1/10
Must Use	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>This is the same number as the one carried in "ST02".</i>	M AN 4/9



832 Price/Sales Catalog
Sample File Set

ISA*00* 00* 01*177667227 01*077357960 *040701*1341*U*00401*000012345*0*P*
GS*SC*177667227*077357960*20040701*1341*11345*X*004010
ST*832*0001
BCT*CP*4*****04
N1*SE*MCKESSON*1*177667227
N1*BY*NAVHOSP LEMOORE*1*077357960
LIN**N4*00597004428
YNQ**Y
CTB*OR**57*12
PID*F*RX***PAROXETINE HCL 10MG TABLET 30
PO4*1*30*EA
TD4*FL
CTP**CAT*39.68*12*EA
N1*MF*GLAXOSMITHKLINE
CTT*1
SE*14*1001
GE*1*11345
IEA*1*000012345

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Item Usage EDI X.12 830 Item Usage Forecast/Monthly Consumption (Interchange Envelope and 830 Transaction Set)

Background

The 830 Transaction sets are designed to provide DSCP Prime Vendors with data to enhance support to DOD Medical Treatment Facilities (MTFs), while also providing information to better manage inventories.

Implementation Plan

There are two separate 830-transaction sets that will be provided to the prime vendors. The first file provides monthly consumption information, from a specific MTF. The **Monthly Consumption** transaction provides a prime vendor with the actual quantity of an item, by Vendor Item Number (VIN), that is received by an MTF during a given month.

The second type of 830 Transaction is the **Item Usage Forecast**. This file contains item usage information to aid the prime vendor in maintaining sufficient inventories to meet site(s) requirements. The item usage forecast contains three types of forecast information each.

1. The **first** type contains new usage requirements for items that were not previously identified as usage items. New Usage requirements contain an estimated monthly usage quantity, based on anticipated site requirements.
2. The **second** type of usage forecast identifies increases in monthly usage for items already identified as usage items. Increases in usage are based on the last 90 days of usage activity by the site.
3. The **third** type of usage forecast identifies decreases in monthly usage for items already identified as usage items. Decreases in usage are based on the last 90 days of usage activity by the site. This type also identifies usage items that will no longer be ordered by the site, i.e., usage requirement deleted. Deletions to usage items will show a forecast quantity of zero.

EDI X.12 830 Item Usage Forecast/Monthly Consumption

For DSCP Pharmacy Prime Vendor Item Forecasting

- *Item forecast for NDC 51672403701 (example only) is 100 and is received on the first of the month. Quantity established and transmitted to PPV is 100.*
 - DMLSS Pharmacy customer updates the forecast for NDC 51672403701 from a quantity of 100 to 150 in the middle of the month and transmits the increase to the PPV.
 - PPV increases, and the shipped quantities from the first to the middle of the month should be included when determining if the quantity exceeds the forecast amount by 150%.
 - The count does not start over from the middle of the month, the date when the DMLSS customer transmitted the increase in usage to the PPV. The initial forecast was 100 per month. The customer ordered 100 in the first week and then increased their forecast to 150 in the middle of the month. This increase should not be counted against the PPV. The PPV has another 30 days from when the new forecast (the one transmitted in the middle of the month) to be held accountable for supplying that particular level.

- *Contractually, the PPV has 30 days to stock an item that they have received the EDI X.12 830 file from the DMLSS Pharmacy user. This is when the clock starts ticking.*
 - The new count would not start until 30 days after the update from the DMLSS-customer is received.

- *Customer Returns are included when determining if the item exceeds the DMLSS Pharmacy user forecasted amount.*
 - The quantity returned should be subtracted from the quantity ordered to determine the net quantity.

If you have any additional questions regarding calculating item usage for the X.12, v004010 830 Item Usage Forecast/Monthly Consumption file, please contact the applicable POC at JMLFDC.

Segment Descriptions

830 Planning Schedule with Release Capability

Functional Group=PS

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.

User:

1. Organizations use this transaction set to transmit Special Program Requirements (SPRs) or Monthly Consumption History Data to the DSCP Prime Vendors.
2. Use a single occurrence of this transaction set to transmit SPR or Monthly Consumption History Data transactions to one or more DSCP Prime Vendors. Use one occurrence of this transaction set to transmit a single or multiple transactions.

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BFR	Beginning Segment for Planning Schedule	M	1			Must use
LOOP ID - N1					200		
230	N1	Name	O	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - LIN					>1		
010	LIN	Item Identification	M	1			Must use
140	REF	Reference Identification	O	12			Used
LOOP ID - N1					200		
320	N1	Name	O	1			Must use
LOOP ID - FST					>1		
410	FST	Forecast Schedule	O	1			Must use
420	SDQ	Destination Quantity	O	50			Must use

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Prime Vendor EDI Proposal

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
020	SE	Transaction Set Trailer	M	1			Must use
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
- Mandatory	
Loop: N/A	Elements: 16

To start and identify an interchange of zero or more functional groups and interchange-related control segments

User:

1. The actual values of the data element separator and the segment terminator for this interchange are set by the interchange control header. The first occurrence of the data element separator (byte 4) defines the actual value of the data element separator. It is graphically displayed as * in the examples. The first occurrence of the segment terminator (1 byte after ISA16) defines the actual value of the segment terminator. It is graphically displayed as N/L (for new line) in the examples.
2. The value of the interchange control number in this header (ISA13) must match the value of the control number in the interchange control trailer (IEA02).
3. The ISA is a fixed-length segment.
4. Use American Standard Code for Information Interchange (ASCII) hexadecimal (HEX) 1D in the fourth byte of the Interchange Control Header. This first occurrence of an element separator dictates the value the translation software will employ throughout the interchange.
5. Use ASCII HEX 1C after ISA16. This first occurrence of a segment terminator dictates the value the translation software employs throughout the interchange.

Data Sample Item Usage Forecast	ISA*00*	*00*	*01*015983620	*01*007941230
Data Sample Monthly Consumption	ISA*00*	*00*	*01*015983620	*01*007941230
			*020301*1018*U*00401*000000009*0*P*>	
			*020331*1219*U*00401*000000025*0*P*>	

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>
ISA01	I01	Authorization Information Qualifier Description: Code to identify the type of information in the Authorization Information Code NAME 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	Authorization Information Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
User: Fill this field with blank characters.						

DMLSS Pharmacy Upgrade Initiative

Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA03	I03	<p>Security Information Qualifier Description: Code to identify the type of information in the Security Information</p> <p>Code NAME 00 No Security Information Present (No Meaningful Information in I04)</p>	M	ID	2/2	Must use
ISA04	I04	<p>Security Information Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p> <p>User: <i>Fill this field with blank characters.</i></p>	M	AN	10/10	Must use
ISA05	I05	<p>Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>Code NAME 01 Duns (Dun & Bradstreet) ZZ Mutually Defined</p>	M	ID	2/2	Must use
ISA06	I06	<p>Interchange Sender ID Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element</p> <p>User: <i>1. When ISA05 is code 01 Cite the nine digit DUNS to identify the MTF. 2. When ISA05 is code ZZ Cite either DMLSS or DTDN. These legacy values originally defined DAASC's commercial VAN interconnect code. (i.e. DMLSS was associated to the GEIS VAN via a Frame Relay connection). 3. Left justify and pad on the right with blanks.</i></p>	M	AN	15/15	Must use
ISA07	I05	<p>Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>Code NAME 01 Duns (Dun & Bradstreet) ZZ Mutually Defined</p>	M	ID	2/2	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA08	I07	<p>Interchange Receiver ID Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them</p> <p>User: 1. When ISA07 is code 01 Cite the appropriate Prime Vendor code. 2. When ISA07 is code ZZ Cite the DSCP code. 3. Left justify and pad on the right with blanks.</p>	M	AN	15/15	Must use
ISA09	I08	<p>Interchange Date Description: Date of the interchange</p> <p>User: Express the date in a six-position (YYMMDD) format.</p>	M	DT	6/6	Must use
ISA10	I09	<p>Interchange Time Description: Time of the interchange</p> <p>User: Express the time in a four-position (HHMM) format.</p>	M	TM	4/4	Must use
ISA11	I10	<p>Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer</p> <p>Code NAME U U.S. EDI Community of ASC X12,and UCS</p>	M	ID	1/1	Must use
ISA12	I11	<p>Interchange Control Version Number Description: This version number covers the interchange control segments</p> <p>User: Use to identify the ASC X12 version and release for the interchange envelope, not the transactions carried within the envelope.</p> <p>Code NAME 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997</p>	M	ID	5/5	Must use
ISA13	I12	<p>Interchange Control Number Description: A control number assigned by the interchange sender</p>	M	N0	9/9	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA14	I13	<p>Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1)</p> <p>Code NAME 0 No Acknowledgment Requested Internal: Use this code to indicate an interchange acknowledgment via TA1 shall not be returned by the interchange receiver.</p>	M	ID	1/1	Must use
ISA15	I14	<p>Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information</p> <p>Code NAME P Production Data Internal: Use to identify all data other than test data. T Test Data Internal: Use when testing interchanges.</p>	M	ID	1/1	Must use
ISA16	I15	<p>Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator</p> <p>User: <i>Enter ASCII Hex 1F. The value of this element dictates the value the translation software employs for component element separation throughout the interchange.</i></p>	M		1/1	Must use

GS

Functional Group Header

Pos:	Max: 1
	- Mandatory
Loop: N/A	Elements: 8

To indicate the beginning of a functional group and to provide control information

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

User:

1. Use to identify the functional group containing one or more related transactions.
2. The version and release of the GS segment must be the same as the version and release of the transactions that follow it as specified in the Version / Release / Industry Identifier Code (GS08).

Data Sample Item Usage GS*PS*015983620*007941230*20020301*1018*9*X*004010
Forecast:
Data Sample Monthly Consumption: GS*PS*015983620*007941230*20020331*1219*25*X*004010

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>
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets <u>Code NAME</u> PS Planning Schedule with Release Capability (830)	M	ID	2/2	Must use
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners User: Cite the nine digit DUNS to identify the MTF.	M	AN	2/15	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners User: <i>Cite the number from ISA08.</i>	M	AN	2/15	Must use
GS04	373	Date Description: Date expressed as CCYYMMDD User: <i>Express the date in a eight-position (CCYYMMDD) format; where 'CC' equals the hundred-years value, 'YY' equals the years value, 'MM' equals the month value, and 'DD' equals the days value.</i>	M	DT	8/8	Must use
GS05	337	Time Description: 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) User: <i>Express the time in a four-position (HHMM) format.</i>	M	TM	4/8	Must use
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	Responsible Agency Code Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard <u>Code NAME</u> X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	Version / Release / Industry Identifier Code Description: Code indicating the version, release, sub-release, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and sub-release, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed <u>Code NAME</u> 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	AN	1/12	Must use

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

Semantics:

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

Data Sample Item Usage Forecast: ST*830*0001

Data Sample Monthly Consumption: ST*830*0001

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>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use
		<u>Code</u> <u>NAME</u> 830 Planning Schedule with Release Capability				
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use
		User: Use to transmit a unique number assigned by the originator of the transaction set. The number may be system generated. This same number will be cited in SE02.				

BFR Beginning Segment for Planning Schedule

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

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

Syntax:

1. BFR02 R0203 -- At least one of BFR02 or BFR03 is required.

Semantics:

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.)

Data Sample Item Usage Forecast: BFR*00*Z**PR*A*20020331**20020301**SP02000D6402**XA

Data Sample Monthly Consumption: BFR*00*Z**BB*A*20020301*20020331*20020301**SP02000D6402**PS

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	Transaction Set Purpose Code Description: Code identifying purpose of transaction set <u>Code NAME</u> 00 Original	M	ID	2/2	Must use
BFR02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier User: Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.	X	AN	1/30	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BFR04	675	<p>Schedule Type Qualifier Description: Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast <u>Code NAME</u> BB Customer Production (Consumption) Based Internal: Use to indicate requirements data reflecting actual consumption history. PR Planned Requirement Based Internal: Use to indicate requirements data reflecting planned program requirement projections not based on historical demand.</p>	M	ID	2/2	Must use
BFR05	676	<p>Schedule Quantity Qualifier Description: Code identifying the type of quantities used when defining a schedule or forecast <u>Code NAME</u> A Actual Discrete Quantities Internal: Use to indicate that quantities reflect discrete requirements or consumption history data.</p>	M	ID	1/1	Must use
BFR06	373	<p>Date Description: Date expressed as CCYYMMDD User: <i>Must use to identify the forecast requirements or consumption history start date.</i></p>	M	DT	8/8	Must use
BFR07	373	<p>Date Description: Date expressed as CCYYMMDD User: <i>Use to identify the consumption history data end date if the date period is greater than one month.</i></p>	O	DT	8/8	Used
BFR08	373	<p>Date Description: Date expressed as CCYYMMDD User: <i>Use to identify the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC). If UTC is not available, then this date corresponds to Local Time.</i></p>	M	DT	8/8	Must use
BFR10	367	<p>Contract Number Description: Contract number User: <i>Enter the thirteen digit DSCP Prime Vendor contract number. This number shall be transmitted without dashes.</i></p>	O	AN	1/30	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BFR12	783	Planning Schedule Type Code Description: Code identifying type of planning schedule used	O	ID	2/2	Must use
		Code NAME				
		PS Purchaser to Seller Internal: Must use to indicate the transaction is a monthly consumption history data.				
		XA Requirement Forecast Internal: Must use to indicate the transaction is an SPR forecast.				

N1

Name

Pos: 230	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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

Syntax:

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

User:

Must use this 1/N1/230 loop to identify the organization receiving the transaction set.

Data Sample Item Usage Forecast: N1*40**1*007941230**TO

Data Sample Monthly Consumption: N1*40**1*007941230**TO

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	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual <u>Code NAME</u> 40 Receiver Description: Entity to accept transmission Internal: Must use to identify the receiver of the SPR requirement or consumption history data.	M	ID	2/3	Must use
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) <u>Code NAME</u> 1 D-U-N-S Number, Dun & Bradstreet	X	ID	1/2	Must use
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code NAME TO Message To Internal: Must use to indicate the organization cited in N104 is receiving the transaction set.	O	ID	2/3	Must use

LIN

Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 5

To specify basic item identification data

Syntax:

P0405 -- If either LIN04 or LIN05 are present, then the others are required. P0607 -- If either LIN06 or LIN07 are present, then the others are required. P0809 -- If either LIN08 or LIN09 are present, then the others are required. P1011 -- If either LIN10 or LIN11 are present, then the others are required. P1213 -- If either LIN12 or LIN13 are present, then the others are required. P1415 -- If either LIN14 or LIN15 are present, then the others are required. P1617 -- If either LIN16 or LIN17 are present, then the others are required. P1819 -- If either LIN18 or LIN19 are present, then the others are required. P2021 -- If either LIN20 or LIN21 are present, then the others are required. P2223 -- If either LIN22 or LIN23 are present, then the others are required. P2425 -- If either LIN24 or LIN25 are present, then the others are required. P2627 -- If either LIN26 or LIN27 are present, then the others are required. P2829 -- If either LIN28 or LIN29 are present, then the others are required. P3031 -- If either LIN30 or LIN31 are present, then the others are required.

Semantics:

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.

User:

Must use the 2/LIN/010 loop to identify the type of transaction, material, DAPA/FSS/GPO contract number, and information associated with the projected requirement or consumption history data.

Data Sample	LIN*A1*VC*056686106631*PD*SUTURE SILK 1066-31 C-4 4-0 18IN BLACK
Item Usage	LIN*A2*VC*056686007351*PD*SUTURE PLAIN 73-51 T-3 2-0 27IN
Forecast:	LIN*A3*VC*056686107631*PD*SUTURE SILK 629/SS629/107631 FS-1/C-14/CE-6 4-0
	LIN*A4*VC*056686109351*PD*SUTURE SILK 1689/SS648/109351 FSLX/C-17/CE-12 2-
	LIN*A5*VC*056686107421*PD*SUTURE SILK SS682/107421/107423 FS-2/C-13/CE-4 5
Data Sample Monthly	LIN*H1*VC*07070T261C*PD*CATHETER SUCTION 10FR STERILE W/CONTROL VALVE
Consumption:	LIN*H2*VC*4352DS190510*PD*COLLECTOR SPECIMEN URINE BAG INFANT STER SGL SPE
	LIN*H3*VC*556812470040*PD*AIRWAY, SIZE 4
	LIN*H4*VC*07062B0062Q*PD*D5W, 250ML BAXTER PN/2B0062
	LIN*H5*VC*10880L8002*PD*SOLUTION IV SODIUM CHLORIDE .9% 250ML PLASTIC

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>																
LIN01	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set User: <i>A + sequence number - SPR submission</i> <i>C + sequence number - Cancellation of previously submitted SPR</i> <i>Use indicates cancellation of the entire open SPR quantity.</i> <i>D + sequence number - Modification of a previously submitted SPR</i> <i>H + sequence number - Monthly Consumption History Data.</i>	O	AN	1/20	Must use																
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) User: <i>Use only one of codes HI, IB, N4, UK, UX, VC or VP to identify the material.</i> <table border="0"> <tr> <td>Code</td> <td>NAME</td> </tr> <tr> <td>HI</td> <td>HIBC (Health Care Industry Bar Code)</td> </tr> <tr> <td>IB</td> <td>International Standard Book Number (ISBN)</td> </tr> <tr> <td>N4</td> <td>National Drug Code in 5-4-2 Format Description: 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size</td> </tr> <tr> <td>UK</td> <td>U.P.C./EAN Shipping Container Code (1-2-5-5-1) Description: A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit</td> </tr> <tr> <td>UX</td> <td>Universal Product Number Description: A unique identifier of a healthcare product</td> </tr> <tr> <td>VC</td> <td>Vendor's (Seller's) Catalog Number</td> </tr> <tr> <td>VP</td> <td>Vendor's (Seller's) Part Number</td> </tr> </table>	Code	NAME	HI	HIBC (Health Care Industry Bar Code)	IB	International Standard Book Number (ISBN)	N4	National Drug Code in 5-4-2 Format Description: 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size	UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1) Description: A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit	UX	Universal Product Number Description: A unique identifier of a healthcare product	VC	Vendor's (Seller's) Catalog Number	VP	Vendor's (Seller's) Part Number	M	ID	2/2	Must use
Code	NAME																					
HI	HIBC (Health Care Industry Bar Code)																					
IB	International Standard Book Number (ISBN)																					
N4	National Drug Code in 5-4-2 Format Description: 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size																					
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1) Description: A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit																					
UX	Universal Product Number Description: A unique identifier of a healthcare product																					
VC	Vendor's (Seller's) Catalog Number																					
VP	Vendor's (Seller's) Part Number																					
LIN03	234	Product/Service ID Description: Identifying number for a product or service	M	AN	1/48	Must use																
LIN04	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <table border="0"> <tr> <td>Code</td> <td>NAME</td> </tr> <tr> <td>PD</td> <td>Part Number Description Internal: Use to indicate the DMLSS Long Item Description.</td> </tr> </table>	Code	NAME	PD	Part Number Description Internal: Use to indicate the DMLSS Long Item Description.	X	ID	2/2	Used												
Code	NAME																					
PD	Part Number Description Internal: Use to indicate the DMLSS Long Item Description.																					
LIN05	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used																

REF Reference Identification

Pos: 140	Max: 12
Detail - Optional	
Loop: LIN	Elements: 2

To specify identifying information

Syntax:

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

Semantics:

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

User:

Use to identify the DCSP Distribution And Pricing Agreement (DAPA); Federal Supply Schedule (FSS) or Group Purchasing Organization (GPO) contract number associated with the SPR forecast or consumption history data.

Data Sample Item Usage Forecast: REF*PL*SP020001H9100

Data Sample Monthly Consumption: REF*PL*SP020002H9101

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 Description: Code qualifying the Reference Identification <u>Code</u> <u>NAME</u> PL Price List Number	M	ID	2/3	Must use
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier User: <i>Cite the item's DAPA, FSS or GPO contract number.</i>	X	AN	1/30	Must use

N1

Name

Pos: 320	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

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

Syntax:

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

User:

1. Must use one iteration of this 2/N1/320 loop to identify the submitter of this transaction.
2. Use additional iterations to identify other organizations associated with the transaction.

Data Sample Item Usage Forecast: N1*41**10*DAAA01**FR

Data Sample Monthly Consumption: N1*41**10*N00259**FR

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	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual <u>Code</u> <u>NAME</u> 41 Submitter Description: Entity transmitting transaction set Internal: Must use to identify the submitter of the SPR requirement or consumption history data.	M	ID	2/3	Must use
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) <u>Code</u> <u>NAME</u> 10 Department of Defense Activity Address Code (DODAAC)	X	ID	1/2	Must use
N104	67	Identification Code Description: Code identifying a party or other code	X	AN	2/80	Must use
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual <u>Code</u> <u>NAME</u> FR Message From Internal: Must use to indicate the organization cited in N104 is originating the SPR requirement or consumption history data.	O	ID	2/3	Must use

FST Forecast Schedule

Pos: 410	Max: 1
Detail - Optional	
Loop: FST	Elements: 4

To specify the forecasted dates and quantities

Syntax:

P0607 -- If either FST06 or FST07 are present, then the others are required. P0809 -- If either FST08 or FST09 are present, then the others are required.

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.
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.

User:

1. Use one 2/FST/410 loop iteration for SPR, SPR modification and SPR cancellation (Forecast) transactions to identify the quantity and support date, as needed, for the transaction.

2. Use one or multiple 2/FST/410 loop iterations for Monthly Consumption History transactions to identify, as needed, quantities by related support dates.

Data Sample Item Usage Forecast: FST*50*D*D*20020331

Data Sample Monthly Consumption: FST*7*A*D*20020301
 FST*3*A*D*20020301
 FST*87*A*D*20020301
 FST*2*A*D*20020301
 FST*94*A*D*20020301
 FST*34*A8*D*20020301
 FST*416*A*D*20020301

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	<p>Quantity Description: Numeric value of quantity User: 1. Express as a number with no decimal. 2. Use in SPR transactions to identify the forecast quantity. 3. Use in SPR modification transactions to identify the revised SPR forecast quantity. 4. Use in SPR cancellation transactions to identify the forecast quantity to be cancelled. 5. Use in Monthly Consumption History Data transactions to identify the consumption history quantity.</p>	M	R	1/15	Must use
FST02	680	<p>Forecast Qualifier Description: Code specifying the sender's confidence level of the forecast data or an action associated with a forecast <u>Code</u> <u>NAME</u> A Immediate Internal: Use only for Monthly Consumption History Data transactions. D Planning Internal: Use only for SPR transactions. W Cancellation Internal: Use only for SPR cancellation transactions. X Modification Internal: Use only for SPR modification transactions.</p>	M	ID	1/1	Must use
FST03	681	<p>Forecast Timing Qualifier Description: Code specifying interval grouping of the forecast <u>Code</u> <u>NAME</u> D Discrete Internal: Use to indicate all forecast/consumption quantities are discrete quantities.</p>	M	ID	1/1	Must use

DMLSS Pharmacy Upgrade Initiative

Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FST04	373	Date Description: Date expressed as CCYYMMDD User: 1. Use in SPR and SPR cancellations 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. 2. Use in Monthly Consumption History Data transactions to identify starting date's Month and Year of history data (i.e. CCYYMM01).	M	DT	8/8	Must use

SDQ Destination Quantity

Pos: 420	Max: 50
Detail - Optional	
Loop: FST	Elements: 3

To specify destination and quantity detail

Syntax:

P0506 -- If either SDQ05 or SDQ06 are present, then the others are required. P0708 -- If either SDQ07 or SDQ08 are present, then the others are required. P0910 -- If either SDQ09 or SDQ10 are present, then the others are required. P1112 -- If either SDQ11 or SDQ12 are present, then the others are required. P1314 -- If either SDQ13 or SDQ14 are present, then the others are required. P1516 -- If either SDQ15 or SDQ16 are present, then the others are required. P1718 -- If either SDQ17 or SDQ18 are present, then the others are required. P1920 -- If either SDQ19 or SDQ20 are present, then the others are required. P2122 -- If either SDQ21 or SDQ22 are present, then the others are required.

Semantics:

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

Comments:

- SDQ02 is used only if different than previously defined in the transaction set.
- SDQ03 is the store number.
- 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.

Data Sample Item Usage Forecast: SDQ*BX**ZZ*50
 SDQ*BX**ZZ*250

Data Sample Monthly Consumption: SDQ*EA**OTH*7
 SDQ*BX**DPV*3
 SDQ*BX**OTH*87
 SDQ*BX**DPV*2
 SDQ*JC**OTH*94
 SDQ*CA**DPV*34
 SDQ*CA***OTH*416

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	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid X12 codes are used.	M	ID	2/2	Must use
SDQ03	67	Identification Code Description: Code identifying a party or other code User: 1. Use code "ZZ" when 1/BFR04/020 = PR. 2. Use code "DPV" or "OTH" when 1/BFR04/020 = BB.	M	AN	2/80	Must use

DMLSS Pharmacy Upgrade Initiative

Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ04	380	Quantity Description: Numeric value of quantity User: <i>1. Use same value listed in the FST01 data element. 2. When 2/SDQ03/420 = ZZ, this is a Forecast quantity. 3. When 2/SDQ03/420 = DPV, this is a Monthly Consumption quantity for an item purchased from a DSCP PV source. 4. When 2/SDQ03/420 = OTH, this is a Monthly Consumption quantity for an item purchased from a NON-DSCP PV source.</i>	M	R	1/15	Must use

SE Transaction Set Trailer

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

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

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

Data Sample Item Usage Forecast: SE*25**0001

Data Sample Monthly Consumption: SE*5007*0001

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

GE Functional Group Trailer

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

To indicate the end of a functional group and to provide control information

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Sample Item Usage Forecast: GE*1*9

Data Sample Monthly Consumption: GE*1*25

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>
GE01	97	<p>Number of Transaction Sets Included</p> <p>Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element</p> <p>User: 1. Use to identify the number of ST segments (transactions) within a functional group.</p> <p>2. Transmit the required number of characters without leading or trailing blanks.</p>	M	N0	1/6	Must use
GE02	28	<p>Group Control Number</p> <p>Description: Assigned number originated and maintained by the sender</p> <p>User: Cite the same group control number as was assigned by the originator in GS06.</p>	M	N0	1/9	Must use

IEA Interchange Control Trailer

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

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Data Sample Item Usage Forecast: IEA*1*000000009

Data Sample Monthly Consumption: IEA*1*000000025

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>
IEA01	I16	<p>Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange User: 1. Use to identify the number of GS segments (functional groups) within an interchange. 2. Transmit the required number of characters without leading or trailing blanks.</p>	M	N0	1/5	Must use
IEA02	I12	<p>Interchange Control Number Description: A control number assigned by the interchange sender User: Cite the same nine-digit interchange control number as was assigned by the originator in ISA13.</p>	M	N0	9/9	Must use

Sample 830 file

Archive file (after formatting): **DSCFTPE830N.3.after**

Archive size: **13124**

Archive date: **Fri Feb 15 12:48:03 2002**

ISA^00^ ^00^ ^ZZ^7038453800 ^ZZ^DSCP-830
^020215^1248^U^00401^000000028^0^P^>~
GS^PS^7038453800^DSCP-830^20020215^1248^28^X^004010~
ST^830^0001~
BFR^00^Z^^BB^A^20020201^20020228^20020215^^SP020001D1612^^PS~
N1^40^^1^999999999^^TO~
LIN^H1^VC^2129930^PD^CETYLPIRIDINIUM CHLORIDE LOZENGES USP 1.5MG 648S~
N1^41^^10^N00259^^FR~
FST^1^A^D^20020201~
SDQ^PK^^DPV^1~
FST^6^A^D^20020201~
SDQ^PK^^OTH^6~
LIN^H2^VC^1373570^PD^NEOMYCIN AND POLYMYXIN B SULFATES&BACITRACIN ZIN~
N1^41^^10^N00259^^FR~
FST^13^A^D^20020201~
SDQ^PK^^DPV^13~
FST^108^A^D^20020201~
SDQ^PK^^OTH^108~LIN^H3^VC^3281532^PD^CEPACOL MOUTHWASH MCKESSON IS PRIME
VENDOR~
N1^41^^10^N00259^^FR~
FST^147^A^D^20020201~
SDQ^EA^^DPV^147~
FST^1520^A^D^20020201~
SDQ^EA^^OTH^1520~
LIN^H4^VP^1668631^PD^PSYLLIUM HYDROPHILIC MUCILLOID WITH DEXTROSE 14~
N1^41^^10^N00259^^FR~
FST^3^A^D^20020201~
SDQ^CH^^OTH^3~
LIN^H5^N4^00168020545^PD^CHLORHEX GL/GLYCERIN/HE-CELL JELLY 720~
N1^41^^10^N00259^^FR~
FST^21^A^D^20020201~
SDQ^BX^^DPV^21~
FST^124^A^D^20020201~
SDQ^BX^^OTH^124~
LIN^H6^N4^00132020140^PD^SODIUM PHOSPHATES ENEMA USP DISP ENEMA UNIT 4-1/~
N1^41^^10^N00259^^FR~
FST^89^A^D^20020201~
SDQ^BO^^DPV^89~
FST^874^A^D^20020201~
SDQ^BO^^OTH^874~
LIN^H505^N4^08541200010^PD^VIAFLEX CONT 500ML 2B8083 48'S~
N1^41^^10^N00259^^FR~
FST^4^A^D^20020201~
SDQ^CA^^DPV^4~
LIN^H506^N4^00603594532^PD^THEOPHYLLINE ANHYDROUS 200MG TAB.SR 12H 1000~
N1^41^^10^N00259^^FR~
FST^2^A^D^20020201~
SDQ^BO^^DPV^2~
LIN^H507^N4^49884073510^PD^FLUOXETINE HCL 20MG TABLET 1000~
N1^41^^10^N00259^^FR~
FST^3^A^D^20020201~
SDQ^BO^^DPV^3~
LIN^H508^N4^00003049620^PD^TRIAMCINOLONE ACETONIDE 0.1% PASTE 5~
N1^41^^10^N00259^^FR~

FST^3^A^D^20020201~
SDQ^TB^^DPV^3~
LIN^H509^N4^00085136801^PD^PEGINTERFERON ALFA-2B 50MCG/0.5 KIT 1~
N1^41^^10^N00259^^FR~
FST^8^A^D^20020201~
SDQ^VI^^DPV^8~
LIN^H510^N4^00603305232^PD^COLCHICINE 0.6MG TABLET 1000~
N1^41^^10^N00259^^FR~
FST^1^A^D^20020201~
SDQ^BO^^DPV^1~
LIN^H511^N4^00009737602^PD^MEDROXYPROGESTERONE ACET 150MG/ML DISP SYRIN 6~
N1^41^^10^N00259^^FR~
FST^1^A^D^20020201~
SDQ^CT^^DPV^1~
LIN^H512^N4^00395120191^PD^IODINE CRYSTALS 30~
N1^41^^10^N00259^^FR~
FST^3^A^D^20020201~
SDQ^BO^^DPV^3~
LIN^H513^N4^00054377444^PD^MORPHINE SULFATE 20MG/ML SOLUTION 30~
N1^41^^10^N00259^^FR~
FST^120^A^D^20020201~
SDQ^BO^^DPV^120~
SE^2107^0001~
GE^1^28~IEA^1^000000028~

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EDI X.12 855 Line Item Acknowledgement Update

Background

Currently, there are eight Rejection Codes within DMLSS that the DAPA Prime Vendor uses to notify DMLSS customers when EDI X.12 850 purchase order line items are rejected. The rejection codes were developed in order to notify DMLSS customers why their line items are rejected by prime vendor systems. Prime Vendors, DSCP and JMLFDC mutually agreed on the ANSI 4010 Standard rejection codes, during the development of DMLSS release 2.0.

A special characteristic of the eight rejection codes is that the rejections do not count against the prime vendor fill rate formulas. This is a key factor in the computation of their fill rates, which is used by DSCP to evaluate performance.

Implementation Plan

Our vision for DMLSS is to provide our users with additional timely information when they receive rejection codes. We intend to accomplish this by adding two new rejection codes to the EDI 855 transaction. The first rejection code we would like to add is AA, which the vendor will use when it rejects a requisition because the “Quantity Requested Exceeds the Usage Level”. Using this new rejection code will accomplish two things. First, it will provide users with timely information as to why their purchase orders were rejected. Second it will force the users to review their usage levels and make management decisions for adjusting levels. This new AA rejection code will not count against Med/Surg or Pharmacy vendors when adding up fill rates.

The second rejection code we would like to add is AR, which the vendor will use when it rejects a requisition because the “Quantity Requested Exceeds Manufacturer Allocation”. Using this new rejection code will accomplish the following. First it will provide users with timely information as to why their purchase orders were rejected. Second, it will provide account managers with critical information so they can make faster purchase decisions. This new AR rejection code will count against Med/Surg vendors, but will not count against Pharmacy vendors.

DMLSS Requirements

1. DMLSS requires the addition of two new status codes within the detail of the X.12 855 file at position 270, segment ID 'ACK' - "Line Item Acknowledgement", using Element ID '668' - Line Item Status Code.
2. DMLSS requires the Prime Vendors to use the code AA in the data element Line Item Acknowledgement (starting at position 270 of the EDI 855 transaction) when the vendor rejects a purchase order when the "Item Rejected, Quantity Exceeds Usage Level." This will be used when the usage level is exceeded by 110% for Prime Vendor Medical Requests and 150% for Prime Vendor Pharmacy requests, and will not count against PV Medical or Pharmacy fill rates.
3. DMLSS requires the Prime Vendors to use the code AR in the data element Line Item Acknowledgement (starting at position 270 of the EDI 855 transaction) when the vendor rejects a purchase order for the following Reason: "Item Rejected, Quantity Exceeds Manufacturer Allocation." The AR code will be used by the Prime Vendors when they cannot fill a request, because the quantity the DMLSS customer requested exceeds the Vendor's manufacturer allocation.
4. DMLSS requires that the vendor use the rejection code AR, even if the vendor partially fills a requisition.
5. DMLSS requires that the AR Rejection code count against Prime Vendor Medical, but will not count against Prime Vendor Pharmacy fill rates.
6. DMLSS requires that the Prime Vendor contracts be modified to reflect the addition of the two new status codes, as well as the continued used of status codes R-1, R-2, R-3, R-4, R-5, R-6, R-7 and R-8 when they send return EDI 855 transactions for rejected requisitions.

Segment Descriptions

855 Purchase Order Acknowledgment

Functional Group=PR

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Notes:

- 2/010 PO102 is required.
- 3/010 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

User:
This 855 transaction set is used solely within the DMLSS DoD Medical Logistics Prime Vendor Program. It is based on the Federal 4010 855 Implementation Convention (IC). Those portions of the Federal IC that have no applicability to the Prime Vendor program have been deleted.

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use

<u>LOOP ID - N1</u>					<u>200</u>		
300	N1	Name	O	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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<u>LOOP ID - PO1</u>					<u>100000</u>		
010	PO1	Baseline Item Data	O	1		N2/010	Must use

<u>LOOP ID - ACK</u>					<u>104</u>		
270	ACK	Line Item Acknowledgment	O	1			Must use

<u>LOOP ID - N9</u>					<u>1000</u>		
350	N9	Reference Identification	O	1			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - CTT					<u>1</u>		
010	CTT	Transaction Totals	O	1		N3/010	Must use
030	SE	Transaction Set Trailer	M	1			Must use
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u> <u>NAME</u> 00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	Security Information Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) User: <i>Fill this field with blank characters.</i>	M	AN	10/10	Must use
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <u>Code</u> <u>NAME</u> 01 Duns (Dun & Bradstreet)	M	ID	2/2	Must use
ISA06	I06	Interchange Sender ID Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element User: <i>1. Cite the same ISA08 Prime Vendor number as contained in the 850 transaction set. 2. Left justify and pad on the right with blanks.</i>	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <u>Code</u> <u>NAME</u> 01 Duns (Dun & Bradstreet) ZZ Mutually Defined	M	ID	2/2	Must use
ISA08	I07	Interchange Receiver ID Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them User: <i>1. Cite the same ISA06 value as contained in the 850 transaction set. 2. Left justify and pad on the right with blanks.</i>	M	AN	15/15	Must use
ISA09	I08	Interchange Date Description: Date of the interchange User: <i>Express the date in a six-position (YYMMDD) format.</i>	M	DT	6/6	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA10	I09	Interchange Time Description: Time of the interchange User: <i>Express the time in a four-position (HHMM) format.</i>	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer Code NAME U U.S. EDI Community of ASC X12, and UCS	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number Description: This version number covers the interchange control segments User: <i>Use to identify the ASC X12 version and release for the interchange envelope, not the transactions carried within the envelope.</i>	M	ID	5/5	Must use
		Code NAME 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	NO	9/9	Must use
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) Code NAME 0 No Acknowledgment Requested Internal: Use this code to indicate an interchange acknowledgment via TA1 shall not be returned by the interchange receiver.	M	ID	1/1	Must use
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information Code NAME P Production Data Internal: Use to identify all data other than test data. T Test Data Internal: Use when testing interchanges.	M	ID	1/1	Must use
ISA16	I15	Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; this	M		1/1	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				
		<p>User: <i>Enter ASCII HEX 1F. The value of this element dictates the value the translation software employs for component element separation throughout the interchange.</i></p>				

GS Functional Group Header

Pos:	Max: 1
Loop: N/A	Elements: 8

To indicate the beginning of a functional group and to provide control information

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

User:

1. Use to identify the functional group containing one or more related transactions.
2. The version and release of the GS segment must be the same as the version and release of the transactions that follow it as specified in the Version / Release / Industry Identifier Code (GS08).

Data Sample Purchase Order Acknowledgment: GS*PR*007941230*083766931*19980928*1341*20511*X*004010

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>
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets <u>Code NAME</u> PR Purchase Order Acknowledgement (855)	M	ID	2/2	Must use
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners User: Cite the number from ISA06.	M	AN	2/15	Must use
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners User: Cite the nine digit DUNS to identify the MTF.	M	AN	2/15	Must use
GS04	373	Date Description: Date expressed as CCYYMMDD User: Express the date in an eight-position (CCYYMMDD) format; where 'CC' equals the hundred-years value, 'YY' equals the years value, 'MM' equals the month value, and 'DD' equals the days value.	M	DT	8/8	Must use

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Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS05	337	<p>Time</p> <p>Description: 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)</p> <p>User: Express the time in a four-position (HHMM) format.</p>	M	TM	4/8	Must use
GS06	28	<p>Group Control Number</p> <p>Description: Assigned number originated and maintained by the sender</p>	M	N0	1/9	Must use
GS07	455	<p>Responsible Agency Code</p> <p>Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard</p> <p><u>Code</u> <u>NAME</u> X Accredited Standards Committee X12</p>	M	ID	1/2	Must use
GS08	480	<p>Version / Release / Industry Identifier Code</p> <p>Description: Code indicating the version, release, sub release, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and sub release, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed</p> <p><u>Code</u> <u>NAME</u> 004010Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997</p>	M	AN	1/12	Must use

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

Semantics:

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

Data Sample Purchase Order Acknowledgment: ST*855*20511001

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>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use
		<u>Code</u> <u>NAME</u> 855 Purchase Order Acknowledgment				
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

User: *This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.*

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.
2. BAK08 is the seller's order number.
3. BAK09 is the date assigned by the sender to the acknowledgment.

Data Sample Purchase Order Acknowledgment: BAK*00*AC*SP020098D7103*19980928*JE01****19980928

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>
BAK01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set <u>Code</u> <u>NAME</u> 00 Original	M	ID	2/2	Must use
BAK02	587	Acknowledgment Type Description: Code specifying the type of acknowledgment <u>Code</u> <u>NAME</u> AC Acknowledge - With Detail and Change	M	ID	2/2	Must use
BAK03	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser <i>User: Cite the number from BEG03 of the applicable 850 transaction set.</i>	M	AN	1/22	Must use
BAK04	373	Date Description: Date expressed as CCYYMMDD <i>User: Cite the date from BEG05 of the applicable 850 transaction set.</i>	M	DT	8/8	Must use
BAK05	328	Release Number Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction <i>User: Cite the number from BEG04 of the applicable 850 transaction set.</i>	O	AN	1/30	Must use
BAK09	373	Date Description: Date expressed as CCYYMMDD <i>User: Use to identify the date this 855 transaction set was transmitted.</i>	O	DT	8/8	Must use

N1

Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

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

Syntax:

R0203 -- At least one of N102 or N103 is required.

P0304 -- If either N103 or N104 are present, then the others are 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.

User:

At least two iterations of this segment are REQUIRED: one iteration citing N101 code BY and one iteration citing N101 code SE.

Data Sample Purchase N1*BY**1*083766931
Order Acknowledgment: N1*SE**1*007941230

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	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual <u>Code</u> <u>NAME</u> BY Buying Party (Purchaser) SE Selling Party	M	ID	2/3	Must use
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) User: 1. When N101 is code BY: Use 1 (DUNS) to identify the MTF entity. 2. When N101 is code SE: Use 1 (DUNS) to identify the Prime Vendor. <u>Code</u> <u>NAME</u> 1 D-U-N-S Number, Dun & Bradstreet	C	ID	1/2	Must use
N104	67	Identification Code Description: Code identifying a party or other code User: Cite the number from N104, for each iteration, of the applicable 850 transaction set.	C	AN	2/80	Must use

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 6

To specify basic and most frequently used line item data

Syntax:

- C0302 -- If PO103 is present, then PO102 is required.
- C0504 -- If PO105 is present, then PO104 is required.
- P0607 -- If either PO106 or PO107 are present, then the others are required.
- P0809 -- If either PO108 or PO109 are present, then the others are required.
- P1011 -- If either PO110 or PO111 are present, then the others are required.
- P1213 -- If either PO112 or PO113 are present, then the others are required.
- P1415 -- If either PO114 or PO115 are present, then the others are required.
- P1617 -- If either PO116 or PO117 are present, then the others are required.
- P1819 -- If either PO118 or PO119 are present, then the others are required.
- P2021 -- If either PO120 or PO121 are present, then the others are required.
- P2223 -- If either PO122 or PO123 are present, then the others are required.
- P2425 -- If either PO124 or PO125 are present, then the others are required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. **PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.**

User:

For guidance with this segment, refer to the ACK01 Status Code Scenarios found in appendixes B through G.

Data Sample Purchase Order Acknowledgment:

```
PO1*1*3*BX*66.04**VC*230001647G
PO1*2*0*BX*69.28**VC*230001654G
PO1*3*0*PK*0**VC*230001673H
PO1*4*0*BX*64.83**VC*230001698G
PO1*5*1*DZ*175.31**VC*230001786G
PO1*6*4*BX*30.49**HI*H376049950101043
PO1*7*1*BX*88.7**VC*230001865G
```

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>
PO101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set User: <i>Cite the same PO101 line item number as contained in the 850 transaction set.</i>	O	AN	1/20	Must use
PO102	330	Quantity Ordered Description: Quantity ordered User: <i>1. Use to identify the quantity accepted by the selling party. If the total quantity ordered is accepted, cite the quantity that was shown in the 850 transaction set.</i> <i>"FILL" quantity is less than the total quantity ordered in the 850, cite the "KILL" quantity in ACK02.</i>	C	R	1/15	Must use
PO103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User: <i>Use to identify the unit of measure applicable to the quantity cited in PO102. If the unit of measure that was shown in the 850 transaction set is accepted, cite that unit of measure.</i>	O	ID	2/2	Must use
PO104	212	<p>All valid X12 codes are used.</p> Unit Price Description: Price per unit of product, service, commodity, etc. User: <i>1. Use to identify the price accepted by the selling party.</i> <i>2. Cite the price in the following format:</i> <i>a. Maximum eight-character field composed of five numeric characters, a decimal point, and two number characters.</i> <i>b. Leading and trailing zeros are not required.</i> <i>decimal characters has a value greater than zero. For example, the amount \$123.01 would be displayed as 123.01 in PO104, but the amount \$123.00 would be displayed as 123 in PO104.</i>	C	R	1/17	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) User: 1. Cite the same PO106 code as contained in the 850 transaction set. 2. Cite the appropriate code to identify the corrected line item information when different from that contained in the 850 transaction set.	C	ID	2/2	Must use
		Code NAME HI HIBC (Health Care Industry Bar Code) IB International Standard Book Number (ISBN) N4 National Drug Code in 5-4-2 Format Description: 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) Description: A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit UX Universal Product Number Description: A unique identifier of a healthcare product VC Vendor's (Seller's) Catalog Number VP Vendor's (Seller's) Part Number				
PO107	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Must use

ACK Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Optional	
Loop: ACK	Elements: 5

To acknowledge the ordered quantities and specify the ready date for a specific line item

Syntax:

- P0203 -- If either ACK02 or ACK03 are present, then the others are required.
- C0405 -- If ACK04 is present, then ACK05 is required.
- P0708 -- If either ACK07 or ACK08 are present, then the others are required.
- P0910 -- If either ACK09 or ACK10 are present, then the others are required.
- P1112 -- If either ACK11 or ACK12 are present, then the others are required.
- P1314 -- If either ACK13 or ACK14 are present, then the others are required.
- P1516 -- If either ACK15 or ACK16 are present, then the others are required.
- P1718 -- If either ACK17 or ACK18 are present, then the others are required.
- P1920 -- If either ACK19 or ACK20 are present, then the others are required.
- P2122 -- If either ACK21 or ACK22 are present, then the others are required.
- P2324 -- If either ACK23 or ACK24 are present, then the others are required.
- P2526 -- If either ACK25 or ACK26 are present, then the others are required.
- P2728 -- If either ACK27 or ACK28 are present, then the others are required.
- C282729 -- If 28 is present, then ACK27 and ACK29 are required.

Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

User:
Only one iteration of this segment is REQUIRED for each listed PO1 segment. For guidance with this segment, refer to the ACK01 Status Code Scenarios found in appendixes B through G.

Data Sample Purchase Order Acknowledgment:

- ACK*IA*0*BX
- ACK*R6*2*BX
- ACK*R2*10*PK
- ACK*AA*22*EA
- ACK*AR*52*EA
- ACK*IQ*7*BX
- ACK*IS*0*DZ
- ACK*IQ*1*BX
- ACQ*IP*0*BX

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>
ACK01	668	<p>Line Item Status Code Description: Code specifying the action taken by the seller on a line item requested by the buyer</p> <p>User: 1. Cite codes IA or IP if the "KILL" quantity is zero and the "FILL" quantity in PO102 is the total quantity ordered.</p> <p>2. Cite code IS if the "KILL" quantity is zero, the "FILL" quantity in PO102 is the total quantity ordered, and the item number in PO107 has changed from what was sent in the 850. An item can only be substituted with prior approval from the customer.</p> <p>3. Otherwise, cite the appropriate code that best describes the "KILL" quantity reason.</p> <p>Code NAME IA Item Accepted IB Item Backordered Internal: Cite code 068 in ACK04 and the projected shipping date in ACK05. IP Item Accepted - Price Changed IQ Item Accepted - Quantity Changed IR Item Rejected Internal: Use this code only when the codes R1-R8 do not apply. IS Item Accepted - Substitution Made AA Item Rejected QTY Exceeds Usage Level AR Item Rejected, QTY Exceeds Manufacturer Allocation R1 Item Rejected, Not a Contract Item R2 Item Rejected, Invalid Item Product Number R3 Item Rejected, Invalid Unit of Issue R4 Item Rejected, Item is on a Manufacturer's or National Backorder R5 Item Rejected, Reorder Item as a Just in Time (JIT) Order R6 Item Rejected, Item is not on the Customer's Usage List R7 Item Rejected, Reorder Item as a Drop Shipment R8 Item Rejected, Reorder Item as a Surge Order</p>	M	ID	2/2	Must use
ACK02	380	<p>Quantity Description: Numeric value of quantity</p> <p>User: Cite the "KILL" quantity when PO102 contains a quantity less than the total quantity ordered in the 850 transaction set.</p>	C	R	1/15	Must use
ACK03	355	<p>Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid X12 codes are used.</p>	C	ID	2/2	Used
ACK04	374	<p>Date/Time Qualifier Description: Code specifying type of date or time, or both date and time</p> <p>Code NAME 068 Current Schedule Ship</p>	O	ID	3/3	Used

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ACK05	373	Date Description: Date expressed as CCYYMMDD User: <i>Express the date in an eight-position (CCYYMMDD) format; where 'CC' equals the hundred-years value, 'YY' equals the years value, 'MM' equals the month value, and 'DD' equals the days value.</i>	C	DT	8/8	Used

N9 Reference Identification

Pos: 350	Max: 1
Detail - Optional	
Loop: N9	Elements: 2

To transmit identifying information as specified by the Reference Identification Qualifier

Syntax:

- R0203 -- At least one of N902 or N903 is required.
- C0605 -- If N906 is present, then N905 is required.

Semantics:

- N906 reflects the time zone that the time reflects.
- N907 contains data relating to the value cited in N902.

User:

- Use this segment to identify the Defense Supply Center Philadelphia (DSCP) Distribution and Pricing Agreement (DAPA), Federal Supply Schedule (FSS) or Group Purchasing Organization (GPO) contract number applicable to the line item number in PO107.
- Cite the same DAPA/FSS/GPO number as contained in the 850 transaction set, for the item listed in PO107. If the item listed in the 855 transaction set is a pre-approved substitute item, cite the appropriate DAPA/FSS/GPO number, if available.

Data Sample Purchase Order Acknowledgment: N9*PL*SP020096H5068
 N9*PL*SP020095H5090
 N9*PL*SP020095H5194
 N9*PL*SP020097H5999
 N9*PL*SP020093H5010

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>
N901	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification <u>Code</u> <u>NAME</u> PL Price List Number	M	ID	2/3	Must use
N902	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier User: Cite the item's DAPA, FSS or GPO contract number.	C	AN	1/30	Used

CTT

Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

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

Syntax:

P0304 -- If either CTT03 or CTT04 are present, then the others are required.

P0506 -- If either CTT05 or CTT06 are present, then the others are required.

Comments:

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

Data Sample Purchase

Order Acknowledgment: CTT*7

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	Must use
<p>Description: Total number of line items in the transaction set</p> <p>User: Use to identify the total number of POI segments contained in this transaction set.</p>						

SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

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

Data Sample Purchase

Order Acknowledgment: SE*25*2051*1001

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	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set User: <i>This is the same number as ST02.</i>	M	AN	4/9	Must use

GE

Functional Group Trailer

Pos:	Max: 1
Loop: N/A	Mandatory Elements: 2

To indicate the end of a functional group and to provide control information

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Data Sample Purchase

Order Acknowledgment: GE*1*20511

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>
GE01	97	<p>Number of Transaction Sets Included</p> <p>Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element</p> <p>User: 1. Use to identify the number of ST segments (transactions) within a functional group.</p> <p>2. Transmit the required number of characters without leading or trailing blanks.</p>	M	N0	1/6	Must use
GE02	28	<p>Group Control Number</p> <p>Description: Assigned number originated and maintained by the sender</p> <p>User: Cite the same group control number as was assigned by the originator in GS06.</p>	M	N0	1/9	Must use

IEA Interchange Control Trailer

Pos:	Max: 1
Loop: N/A	Mandatory Elements: 2

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Data Sample Purchase

Order Acknowledgment: IEA*1*000020511

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>
IEA01	I16	<p>Number of Included Functional Groups</p> <p>Description: A count of the number of functional groups included in an interchange</p> <p>User: 1. Use to identify the number of GS segments (functional groups) within an interchange.</p> <p>2. Transmit the required number of characters without leading or trailing blanks.</p>	M	N0	1/5	Must use
IEA02	I12	<p>Interchange Control Number</p> <p>Description: A control number assigned by the interchange sender</p> <p>User: Cite the same nine-digit interchange control number as was assigned by the originator in ISA13.</p>	M	N0	9/9	Must use

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List of Segments

EDI X.12 997 Functional Acknowledgement

997 Functional Acknowledgment

Functional Group=FA

This Draft Standard for Trial Use contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

Notes:

- 1/010 These acknowledgments shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments. Nor shall a Functional Acknowledgment be sent to report errors in a previous Functional Acknowledgment.
The Functional Group Header Segment (GS) is used to start the envelope for the Functional Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.
There is only one Functional Acknowledgment Transaction Set per acknowledged functional group.
- 1/020 AK1 is used to respond to the functional group header and to start the acknowledgement for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged.
- 1/030 AK2 is used to start the acknowledgement of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

User:
Use this implementation convention to acknowledge receipt, and acceptance or rejection of a functional group and the transaction set(s) contained within it based upon EDI translation software syntax edits.

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1		N1/010	Must use
020	AK1	Functional Group Response Header	M	1		N1/020	Must use

LOOP ID - AK2							
030	AK2	Transaction Set Response Header	O	1		N1/030	Used

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LOOP ID - AK3						
040	AK3	Data Segment Note	O	1		Used
050	AK4	Data Element Note	O	99		Used
060	AK5	Transaction Set Response Trailer	M	1		Must use
070	AK9	Functional Group Response Trailer	M	1		Must use
080	SE	Transaction Set Trailer	M	1		Must use
	GE	Functional Group Trailer	M	1		Must use
	IEA	Interchange Control Trailer	M	1		Must use

Segment Descriptions

ISA Interchange Control Header

Pos:	Max: 1
- Mandatory	
Loop: N/A	Elements: 16

To start and identify an interchange of zero or more functional groups and interchange-related control segments

User:

1. The actual values of the data element separator and the segment terminator for this interchange are set by the interchange control header. The first occurrence of the data element separator (byte 4) defines the actual value of the data element separator. It is graphically displayed as * in the examples. The first occurrence of the segment terminator (1 byte after ISA16) defines the actual value of the segment terminator. It is graphically displayed as N/L (for new line) in the examples.

2. The value of the interchange control number in this header (ISA13) must match the value of the control number in the interchange control trailer (IEA02).

3. The ISA is a fixed-length segment.

4. Use American Standard Code for Information Interchange (ASCII) hexadecimal (HEX) ID in the fourth byte of the Interchange Control Header. This first occurrence of an element separator dictates the value the translation software will employ throughout the interchange.

5. Use ASCII HEX 1C after ISA16. This first occurrence of a segment terminator dictates the value the translation software employs throughout the interchange.

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>
ISA01	I01	Authorization Information Qualifier Description: Code to identify the type of information in the Authorization Information <u>Code NAME</u> 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	Authorization Information Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01) User: Fill this field with blank characters.	M	AN	10/10	Must use
ISA03	I03	Security Information Qualifier Description: Code to identify the type of information in the Security Information <u>Code NAME</u> 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	Security Information Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) User: Fill this field with blank characters.	M	AN	10/10	Must use

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <u>Code</u> <u>NAME</u> 01 Duns (Dun & Bradstreet)	M	ID	2/2	Must use
ISA06	I06	Interchange Sender ID Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element User: 1. Cite the same ISA08 Prime Vendor number as contained in the 830 transaction set. 2. Left justify and pad on the right with blanks.	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <u>Code</u> <u>NAME</u> 01 Duns (Dun & Bradstreet) ZZ Mutually Defined	M	ID	2/2	Must use
ISA08	I07	Interchange Receiver ID Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them User: 1. Cite the same ISA06 value as contained in the 830 transaction set.	M	AN	15/15	Must use
ISA09	I08	Interchange Date Description: Date of the interchange User: Express the date in a six-position (YYMMDD) format.	M	DT	6/6	Must use
ISA10	I09	Interchange Time Description: Time of the interchange User: Express the time in a four-position (HHMM) format.	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer <u>Code</u> <u>NAME</u> U U.S. EDI Community of ASC X12, and UCS	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number Description: This version number covers the interchange control segments User: Use to identify the ASC X12 version and release for the interchange envelope, not the transactions carried within the envelope. <u>Code</u> <u>NAME</u> 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	ID	5/5	Must use
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use

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Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) <u>Code</u> <u>NAME</u> 0 No Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information <u>Code</u> <u>NAME</u> P Production Data T Test Data	M	ID	1/1	Must use
ISA16	I15	Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator User: Enter ASCII Hex 1F. The value of this element dictates the value the translation software employs for component element separation throughout the interchange.	M		1/1	Must use

GS

Functional Group Header

Pos:	Max: 1
- Mandatory	
Loop: N/A	Elements: 8

To indicate the beginning of a functional group and to provide control information

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

User:

1. Use to identify the functional group containing one or more related transactions.
2. The version and release of the GS segment must be the same as the version and release of the transactions that follow it as specified in the Version / Release / Industry Identifier Code (GS08).

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>
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets <u>Code NAME</u> FA Functional Acknowledgment (997)	M	ID	2/2	Must use
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners User: Cite the number from ISA06.	M	AN	2/15	Must use
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners User: Cite the nine digit DUNS to identify the MTF.	M	AN	2/15	Must use
GS04	373	Date Description: Date expressed as CCYYMMDD User: Express the date in an eight-position (CCYYMMDD) format; where 'CC' equals the hundred-years value, 'YY' equals the years value, 'MM' equals the month value, and 'DD' equals the days value.	M	DT	8/8	Must use

DMLSS Pharmacy Upgrade Initiative

Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS05	337	<p>Time</p> <p>Description: 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)</p> <p>User: Express the time in a four-position (HHMM) format.</p>	M	TM	4/8	Must use
GS06	28	<p>Group Control Number</p> <p>Description: Assigned number originated and maintained by the sender</p>	M	N0	1/9	Must use
GS07	455	<p>Responsible Agency Code</p> <p>Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard</p> <p><u>Code</u> <u>NAME</u> X Accredited Standards Committee X12</p>	M	ID	1/2	Must use
GS08	480	<p>Version / Release / Industry Identifier Code</p> <p>Description: Code indicating the version, release, sub release, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and sub release, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed</p> <p><u>Code</u> <u>NAME</u> 004010Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997</p>	M	AN	1/12	Must use

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice 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>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set <u>Code</u> <u>NAME</u> 997 Functional Acknowledgment	M	ID	3/3	Must use
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set User: Use to transmit a unique number assigned by the originator of the transaction set. The number may be system generated. This same number will be cited in SE02.	M	AN	4/9	Must use

AK1 Functional Group Response Header

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

To start acknowledgment of a functional group

Semantics:

1. AK101 is the functional ID found in the GS segment (GS01) in the functional group being acknowledged.
2. AK102 is the functional group control number found in the GS segment in the functional group being acknowledged.

User:

1. Use to identify the unique identification number of the functional group in which the transaction set(s) being acknowledged was received.
2. Only one functional group may be referenced in a single 997 acknowledgment 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>				
AK101	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets User: Cite, using the appropriate code from the X12 code list, the functional group ID found in GS01 of the functional group being acknowledged.	M	ID	2/2	Must use				
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>NAME</u></td> </tr> <tr> <td>PS</td> <td>Planning Schedule with Release Capability (830)</td> </tr> </table>	<u>Code</u>	<u>NAME</u>	PS	Planning Schedule with Release Capability (830)				
<u>Code</u>	<u>NAME</u>									
PS	Planning Schedule with Release Capability (830)									
AK102	28	Group Control Number Description: Assigned number originated and maintained by the sender User: Use to identify the number cited in GS06 of the functional group being acknowledged.	M	N0	1/9	Must use				

AK2 Transaction Set Response Header

Pos: 030	Max: 1
Heading - Optional	
Loop: AK2	Elements: 2

To start acknowledgment of a single transaction set

Semantics:

1. AK201 is the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.
2. AK202 is the transaction set control number found in the ST segment in the transaction set being acknowledged.

User:

1. Use to identify the unique identification number of the transaction set being acknowledged.
2. AK2 and AK5 shall be provided for each transaction set that is accepted.
3. Also, AK2 and AK5 shall be provided for each transaction set being rejected for containing a syntactical error.

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>
AK201	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set <u>Code NAME</u> 830 Planning Schedule with Release Capability	M	ID	3/3	Must use
AK202	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set User: Use to identify the number cited in SE02/ST02 of the transaction set being acknowledged.	M	AN	4/9	Must use

AK3 Data Segment Note

Pos: 040	Max: 1
Heading - Optional	
Loop: AK3	Elements: 4

To report errors in a data segment and identify the location of the data segment

User:

This 1/AK3/040 loop shall be used only to identify one or more segments containing syntactical errors resulting in rejection of the transaction set or functional group. This loop shall not be used when transaction set and functional group receipt and acceptance is being acknowledged.

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>
AK301	721	Segment ID Code Description: Code defining the segment ID of the data segment in error (See Appendix A - Number 77) User: Use to identify the segment containing syntactical errors, as it appears in the ASC X12 Data Segment Dictionary, e.g., DTM, N1, REF, etc.	M	ID	2/3	Must use
AK302	719	Segment Position in Transaction Set Description: The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1 User: Use to identify the segment's sequential position within the data stream of the transaction set as transmitted. This number is not the segment's position number portrayed in the transaction set structure. For example, if the segments used in an 810 request for progress payment were as follows: ST, BIG, REF, N1, N1, PER, ITD, DTM, IT1, IT1, SLN, SLN, SLN, TDS, CTT, SE, and there was a syntax error in the second use of the N1 segment, the number cited would be 5. If the syntax error were in the third use of the SLN segment, the number cited would be 13.	M	N0	1/6	Must use
AK303	447	Loop Identifier Code Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	O	AN	1/6	Used
AK304	720	Segment Syntax Error Code Description: Code indicating error found based on the syntax editing of a segment User: Use only when a segment is being rejected, to identify the basis for rejection. Do not use when the error is in a data element within the segment and editing is being done at least to that level. All valid X12 codes are used.	O	ID	1/3	Used

AK4 Data Element Note

Pos: 050	Max: 99
Heading - Optional	
Loop: AK3	Elements: 4

To report errors in a data element or composite data structure and identify the location of the data element

Semantics:

1. In no case shall a value be used for AK404 that would generate a syntax error, e.g., an invalid character.

User:

Use to identify an error with a data element. When used, there must be a use of the AK3 segment citing the segment in which the data element with the error appears. Use multiple occurrences of this segment to identify all data element errors within the segment specified in the preceding AK3 segment.

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>
AK401	C030	Position in Segment Description: Code indicating the relative position of a simple data element, or the relative position of a composite data structure combined with the relative position of the component data element within the composite data structure, in error; the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	M	Comp		Must use
AK402	725	Data Element Reference Number Description: Reference number used to locate the data element in the Data Element Dictionary User: Use to identify the data element number as it appears in the ASC X12 Data Element Dictionary, for example, the data element number for N101 is 98, the data element number for N103 is 66.	O	N0	1/4	Must use
AK403	723	Data Element Syntax Error Code Description: Code indicating the error found after syntax edits of a data element All valid X12 codes are used.	M	ID	1/3	Must use
AK404	724	Copy of Bad Data Element Description: This is a copy of the data element in error	O	AN	1/99	Used

AK5 Transaction Set Response Trailer

Pos: 060	Max: 1
Heading - Mandatory	
Loop: AK2	Elements: 6

To acknowledge acceptance or rejection and report errors in a transaction set

User:
 Use to indicate whether the transaction set indicated in the corresponding AK2 segment was accepted or rejected. If the transaction set is being rejected, use this segment to identify up to five (5) syntax errors at the transaction level.

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>
AK501	717	Transaction Set Acknowledgment Code Description: Code indicating accept or reject condition based on the syntax editing of the transaction set <u>Code</u> <u>NAME</u> A Accepted R Rejected	M	ID	1/1	Must use
AK502	718	Transaction Set Syntax Error Code Description: Code indicating error found based on the syntax editing of a transaction set User: 1. Use only when a transaction set is being rejected, to identify the basis for rejection. If multiple codes apply, they may be carried in AK503 through AK506, as necessary. No individual code may be used more than once in a single use of this segment. 2. Use code 5 when the 1/AK3/040 loop is not used and syntactical errors occurred below the transaction set level. <u>Code</u> <u>NAME</u> 1 Transaction Set Not Supported 2 Transaction Set Trailer Missing 3 Transaction Set Control Number in Header and Trailer Do Not Match 4 Number of Included Segments Does Not Match Actual Count 5 One or More Segments in Error 6 Missing or Invalid Transaction Set Identifier 7 Missing or Invalid Transaction Set Control Number 23 Transaction Set Control Number Not Unique within the Functional Group	O	ID	1/3	Used
AK503	718	Transaction Set Syntax Error Code Description: Code indicating error found based on the syntax editing of a transaction set <u>Code</u> <u>NAME</u> 1 Transaction Set Not Supported 2 Transaction Set Trailer Missing 3 Transaction Set Control Number in Header and Trailer Do Not Match 4 Number of Included Segments Does Not Match Actual Count 5 One or More Segments in Error 6 Missing or Invalid Transaction Set Identifier 7 Missing or Invalid Transaction Set Control Number 23 Transaction Set Control Number Not Unique within the Functional Group	O	ID	1/3	Used

DMLSS Pharmacy Upgrade Initiative

Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AK504	718	Transaction Set Syntax Error Code Description: Code indicating error found based on the syntax editing of a transaction set <u>Code</u> <u>NAME</u> 1 Transaction Set Not Supported 2 Transaction Set Trailer Missing 3 Transaction Set Control Number in Header and Trailer Do Not Match 4 Number of Included Segments Does Not Match Actual Count 5 One or More Segments in Error 6 Missing or Invalid Transaction Set Identifier 7 Missing or Invalid Transaction Set Control Number 23 Transaction Set Control Number Not Unique within the Functional Group	O	ID	1/3	Used
AK505	718	Transaction Set Syntax Error Code Description: Code indicating error found based on the syntax editing of a transaction set <u>Code</u> <u>NAME</u> 1 Transaction Set Not Supported 2 Transaction Set Trailer Missing 3 Transaction Set Control Number in Header and Trailer Do Not Match 4 Number of Included Segments Does Not Match Actual Count 5 One or More Segments in Error 6 Missing or Invalid Transaction Set Identifier 7 Missing or Invalid Transaction Set Control Number 23 Transaction Set Control Number Not Unique within the Functional Group	O	ID	1/3	Used
AK506	718	Transaction Set Syntax Error Code Description: Code indicating error found based on the syntax editing of a transaction set <u>Code</u> <u>NAME</u> 1 Transaction Set Not Supported 2 Transaction Set Trailer Missing 3 Transaction Set Control Number in Header and Trailer Do Not Match 4 Number of Included Segments Does Not Match Actual Count 5 One or More Segments in Error 6 Missing or Invalid Transaction Set Identifier 7 Missing or Invalid Transaction Set Control Number 23 Transaction Set Control Number Not Unique within the Functional Group	O	ID	1/3	Used

AK9 Functional Group Response Trailer

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group

Comments:

1. If AK901 contains the value "A" or "E", then the transmitted functional group is accepted.

User:

1. Use only to indicate whether the functional group was accepted or rejected based on syntax errors in the functional group header or trailer.
2. If a functional group is rejected, all transaction sets within that group must be rejected using the AK9. In this case, individual AK2s for the rejected transaction sets need not be provided.
3. If the functional group is being rejected, use to identify up to five (5) syntax errors at the functional group level.

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>
AK901	715	Functional Group Acknowledge Code Description: Code indicating accept or reject condition based on the syntax editing of the functional group	M	ID	1/1	Must use
		<u>Code</u> <u>NAME</u> A Accepted R Rejected				
AK902	97	Number of Transaction Sets Included Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
AK903	123	Number of Received Transaction Sets Description: Number of Transaction Sets received	M	N0	1/6	Must use
AK904	2	Number of Accepted Transaction Sets Description: Number of accepted Transaction Sets in a Functional Group	M	N0	1/6	Must use
AK905	716	Functional Group Syntax Error Code Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer	O	ID	1/3	Used

User: 1. Use only when a functional group is being rejected to identify the basis for rejection.

code may be used more than once in a single iteration of this segment.

<u>Code</u>	<u>NAME</u>
1	Functional Group Not Supported
2	Functional Group Version Not Supported
3	Functional Group Trailer Missing
4	Group Control Number in the Functional Group Header and Trailer Do Not Agree
5	Number of Included Transaction Sets Does Not Match Actual Count
6	Group Control Number Violates Syntax

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AK906	716	Functional Group Syntax Error Code Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer User: 1. Use only when a functional group is being rejected to identify the basis for rejection. 2. Codes may also be carried in AK906 through AK909, but no individual code may be used more than once in a single iteration of this segment.	O	ID	1/3	Used
		<u>Code</u> <u>NAME</u> 1 Functional Group Not Supported 2 Functional Group Version Not Supported 3 Functional Group Trailer Missing 4 Group Control Number in the Functional Group Header and Trailer Do Not Agree 5 Number of Included Transaction Sets Does Not Match Actual Count 6 Group Control Number Violates Syntax				
AK907	716	Functional Group Syntax Error Code Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer User: 1. Use only when a functional group is being rejected to identify the basis for rejection. 2. Codes may also be carried in AK906 through AK909, but no individual code may be used more than once in a single iteration of this segment.	O	ID	1/3	Used
		<u>Code</u> <u>NAME</u> 1 Functional Group Not Supported 2 Functional Group Version Not Supported 3 Functional Group Trailer Missing 4 Group Control Number in the Functional Group Header and Trailer Do Not Agree 5 Number of Included Transaction Sets Does Not Match Actual Count 6 Group Control Number Violates Syntax				
AK908	716	Functional Group Syntax Error Code Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer User: 1. Use only when a functional group is being rejected to identify the basis for rejection. 2. Codes may also be carried in AK906 through AK909, but no individual code may be used more than once in a single iteration of this segment.	O	ID	1/3	Used
		<u>Code</u> <u>NAME</u> 1 Functional Group Not Supported 2 Functional Group Version Not Supported 3 Functional Group Trailer Missing 4 Group Control Number in the Functional Group Header and Trailer Do Not Agree 5 Number of Included Transaction Sets Does Not Match Actual Count 6 Group Control Number Violates Syntax				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AK909	716	<p>Functional Group Syntax Error Code</p> <p>Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer</p> <p>User: <i>1. Use only when a functional group is being rejected to identify the basis for rejection.</i></p> <p><i>2. Codes may also be carried in AK906 through AK909, but no individual code may be used more than once in a single iteration of this segment.</i></p> <p>Code NAME</p> <ul style="list-style-type: none"> 1 Functional Group Not Supported 2 Functional Group Version Not Supported 3 Functional Group Trailer Missing 4 Group Control Number in the Functional Group Header and Trailer Do Not Agree 5 Number of Included Transaction Sets Does Not Match Actual Count 6 Group Control Number Violates Syntax 	O	ID	1/3	Used

SE Transaction Set Trailer

Pos: 080	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

- SE is the last segment of each 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>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set User: <i>Use the same number cited in ST02.</i>	M	AN	4/9	Must use

GE Functional Group Trailer

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

To indicate the end of a functional group and to provide control information

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

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>
GE01	97	Number of Transaction Sets Included Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element <i>User: 1. Use to identify the number of ST segments (transactions) within a functional group.</i> <i>2. Transmit the required number of characters without leading or trailing blanks.</i>	M	N0	1/6	Must use
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender <i>User: Cite the same group control number as was assigned by the originator in GS06.</i>	M	N0	1/9	Must use

IEA Interchange Control Trailer

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

To define the end of an interchange of zero or more functional groups and interchange-related control 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>
IEA01	I16	<p>Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange</p> <p>User: 1. Use to identify the number of GS segments (functional groups) within an interchange.</p> <p>2. Transmit the required number of characters without leading or trailing blanks.</p>	M	N0	1/5	Must use
IEA02	I12	<p>Interchange Control Number Description: A control number assigned by the interchange sender</p> <p>User: Cite the same nine-digit interchange control number as was assigned by the originator in ISA13.</p>	M	N0	9/9	Must use

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EDI X.12 846 Inventory Inquiry/Advice File

Background

DMLSS Pharmacy users report that using the Prime Vendor proprietary systems and the DoD mandated DMLSS system make the research, acquisition, and maintenance of inventory too time consuming. In addition, they would rather know product availability before they submit the EDI X.12 850 Purchase Order to the DSCP PV instead of waiting on vendor rejections returned by fax or the EDI X.12 855 Purchase Order Acknowledgement file.

Implementation Plan

DMLSS proposes to provide Pharmacy users with a mechanism to send an EDI inquiry to the DSCP PV, which will allow them to learn the inventory balance of items that they will order the same day. DMLSS requests that the Prime Vendor respond with an EDI X.12 846 advice file with matching available inventory balances for items included in the inquiry file that the customer sent.

DMLSS Requirements for Processing

Solicited (Inquiry) File from DMLSS Server/Pharmacy Customer to Prime Vendor:

1. The EDI file from DMLSS to PV will include only the items and quantities that are going to be ordered the same day.
2. The EDI file from DMLSS to PV will include the sending customer's D-U-N-S number, and DMLSS customer ID.
3. The EDI file from DMLSS to PV will include the receiving PV D-U-N-S number.
4. The EDI file from DMLSS to PV will include the Date/Time stamp when the file was submitted to the PV.
5. The EDI file from DMLSS to PV will include the National Drug Code (NDC), Short Item Description, U/P Packaging, and customer requested inventory inquiry.

Response (Advice) from Prime Vendor for DMLSS Solicited file back to DMLSS Server/Pharmacy User:

6. The EDI file from PV to DMLSS will include the items and quantities that are listed on the customer inquiry.
7. The EDI file from PV to DMLSS may include alternative items and quantities that are not listed on the customer inquiry.
8. The EDI file from PV to DMLSS will include the sending PV D-U-N-S number and receiving customer's D-U-N-S number and DMLSS customer ID.
9. The EDI file from PV to DMLSS will include the Date/Time stamp when the file was submitted to the DMLSS server.
10. The EDI file from PV to DMLSS will include the National Drug Code (NDC), Short Item Description, U/P Packaging, and projected vendor inventory balance that meets the customer requested inventory inquiry.
11. If the vendor cannot provide all or a portion of the inventory requested for a prime item the vendor may include alternate stocked items on the advice file back to the customer. (Refer to #7 above).
12. The EDI file from PV to DMLSS will include a minimum of (1) and a maximum of (3) alternate NDCs for the prime items listed in the customer inquiry file.
13. The same routing mechanisms that exist today for the EDI X.12 850 Purchase Order and 855 Line Item Acknowledgment files via the DAASC VAN will be utilized to send and receive the 846 Inquiry/Advice file.
14. The EDI file from PV must be returned to the DMLSS customer in the same contractual timeframe as the EDI X.12 850 Purchase Order and 855 Line Item Acknowledgment files.

Segment Descriptions

846 Inventory Inquiry/Advice

Functional Group ID=**IB**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

1. ***DMLSS Medical Treatment Facilities (MTFs) will send an 846 Inquiry file to Prime Vendor (PV) that will include the items and quantities that an inventory balance is being requested for.***
2. ***The 846 Inquiry file will include the items and quantities that are going to be ordered by the DMLSS MTF the same day.***
3. ***The 846 Advice file from PV will include the items and quantities that are listed on the customer inquiry.***
4. ***The 846 Advice file from PV will include alternative items and quantities for those prime items that the vendor is unable to supply.***

<u>Pos No.</u>	<u>Seq. Id</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	ISA	Interchange Control Header	M	1		Must use
	GS	Functional Group Header	M	1		Must use

Heading:

<u>Pos No.</u>	<u>Seq. Id</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	ST	Transaction Set Header	M	1		
020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
050	DTM	Date/Time Reference	O	10		
		LOOP ID – N1		5		
080	N1	Name	O	1		

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - LIN					10000	
010	LIN	Item Identification	M	1		
030	PID	Product/Item Description	O	200		
LOOP ID - QTY					99	
320	QTY	Quantity	O	1		

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.
2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

ISA Interchange Control Header

To start and identify an interchange of zero or more functional groups and interchange-related control segments

User:

1. The actual values of the data element separator and the segment terminator for this interchange are set by the interchange control header. The first occurrence of the data element separator (byte 4) defines the actual value of the data element separator. It is graphically displayed as * in the examples. The first occurrence of the segment terminator (1 byte after ISA16) defines the actual value of the segment terminator. It is graphically displayed as N/L (for new line) in the examples.
2. The value of the interchange control number in this header (ISA13) must match the value of the control number in the interchange control trailer (IEA02).
3. The ISA is a fixed-length segment.
4. Use American Standard Code for Information Interchange (ASCII) hexadecimal (HEX) 1D in the fourth byte of the Interchange Control Header. This first occurrence of an element separator dictates the value the translation software will employ throughout the interchange.
5. Use ASCII HEX 1C after ISA16. This first occurrence of a segment terminator dictates the value the translation software employs throughout the interchange.

```
Data Sample Item Usage      ISA*00*                *00*    *01*DMLSS    *01*006217061
Acknowledgment:
                               *20040506*1601*U*00401*00001001*0*P*>
```

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>
ISA01	I01	Authorization Information Qualifier Description: Code to identify the type of information in the Authorization Information <u>Code NAME</u> 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	Authorization Information Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01) User: Fill this field with blank characters.	M	AN	10/10	Must use
ISA03	I03	Security Information Qualifier Description: Code to identify the type of information in the Security Information	M	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u> <u>NAME</u> 00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	Security Information Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) User: <i>Fill this field with blank characters.</i>	M	AN	10/10	Must use
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <u>Code</u> <u>NAME</u> 01 Duns (Dun & Bradstreet)	M	ID	2/2	Must use
ISA06	I06	Interchange Sender ID Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element User: <i>1. Cite the same ISA08 Prime Vendor number as contained in the 846 Inquiry transaction set. 2. Left justify and pad on the right with blanks.</i>	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <u>Code</u> <u>NAME</u> 01 Duns (Dun & Bradstreet) ZZ Mutually Defined	M	ID	2/2	Must use
ISA08	I07	Interchange Receiver ID Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them User: <i>1. Cite the same ISA06 value as contained in the 846 Inquiry transaction set. 2. Left justify and pad on the right with blanks.</i>	M	AN	15/15	Must use
ISA10	I09	Interchange Time Description: Time of the interchange User: <i>Express the time in a four-position (HHMM) format.</i>	M	TM	4/4	Must use

DMLSS Pharmacy Upgrade Initiative

Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA11	I10	<p>Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer <u>Code NAME</u> U U.S. EDI Community of ASC X12 and UCS</p>	M	ID	1/1	Must use
ISA12	I11	<p>Interchange Control Version Number Description: This version number covers the interchange control segments User: Use to identify the ASC X12 version and release for the interchange envelope, not the transactions carried within the envelope. <u>Code NAME</u> 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997</p>	M	ID	5/5	Must use
ISA13	I12	<p>Interchange Control Number Description: A control number assigned by the interchange sender</p>	M	NO	9/9	Must use
ISA14	I13	<p>Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) <u>Code NAME</u> 0 No Acknowledgment Requested Internal: Use this code to indicate an interchange acknowledgment via TA1 shall not be returned by the interchange receiver.</p>	M	ID	1/1	Must use
ISA15	I14	<p>Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information <u>Code NAME</u> P Production Data Internal: Use to identify all data other than test data. T Test Data Internal: Use when testing interchanges.</p>	M	ID	1/1	Must use
ISA16	I15	<p>Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator</p>	M		1/1	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>User: Enter ASCII HEX 1F. The value of this element dictates the value the translation software employs for component element separation throughout the interchange.</i>				

GS Functional Group Header

To indicate the beginning of a functional group and to provide control information

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
4. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

User:

1. Use to identify the functional group containing one or more related transactions.
2. The version and release of the GS segment must be the same as the version and release of the transactions that follow it as specified in the Version / Release / Industry Identifier Code (GS08).

Data Sample GS*IB*DMLSS*006217061*20040506*1545*1001*X*004010
Inventory Inquiry/Advice:

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>
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets <u>Code NAME</u> IB Inventory Inquiry /Advice (846)	M	ID	2/2	Must use
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners User: Cite the number from ISA06.	M	AN	2/15	Must use
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners User: Cite the nine digit DUNS to identify the MTF.	M	AN	2/15	Must use
GS04	373	Date Description: Date expressed as CCYYMMDD User: Express the date in an eight-position (CCYYMMDD) format; where 'CC' equals the hundred-years value, 'YY'	M	DT	8/8	Must use

DMLSS Pharmacy Upgrade Initiative

Prime Vendor EDI Proposal

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>equals the years value, 'MM' equals the month value, and 'DD' equals the days value.</i>				
GS05	337	Time Description: 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) User: <i>Express the time in a four-position (HHMM) format.</i>	M	TM	4/8	Must use
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	Responsible Agency Code Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard Code NAME X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	Version / Release / Industry Identifier Code Description: Code indicating the version, release, sub release, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and sub release, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed Code NAME 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	AN	1/12	Must use

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 Sample

Inventory Inquiry/Advice: ST*846*00001

Notes: .

Data Element Summary				
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 846 Inventory Inquiry/Advice	
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 <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	

Segment: **BIA** Beginning Segment for Inventory Inquiry/Advice
 Position: 020
 Loop:
 Level: Heading
 Usage: Mandatory
 Max Use: 1
 Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set
 Syntax Notes:
 Semantic Notes: 1 BIA03 identifies the number of the inquiry/advice that is transferred.
 2 BIA04 identifies the date of the inquiry/advice that is transferred.
 3 BIA05 identifies the time of the inquiry/advice that is transferred.
 Comments:

DMLSS MANDATORY

Data Sample

Inventory Inquiry/Advice: BIA*00*TI*DMLSS*20040506
 BIA*00*TJ*DMLSS*20040506

Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
Must Use	BIA02	755	Report Type Code	M ID 2/2
			Code indicating the title or contents of a document, report or supporting item	
			TI Asset Status Inquiry	
			Use to identify a request for asset information.	
			TJ Asset Status Advice	
			Use to identify an asset status report.	
Must Use	BIA03	127	Reference Identification	M 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.	
Must Use	BIA04	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			Use to indicate the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).	
Must Use	BIA05	337	Time	O 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)	
			User: Express time in a four-position (HHMM) format.	

Segment: **DTM** Date/Time Reference
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Sample

Inventory Inquiry/Advice: DTM*600*20040506*1601*LT

Notes: *Use this segment to identify the Prime Vendor's inventory balance 'snap-shot' date/time in the 846 Advice file that is transmitted to the DMLSS customer.*

DMLSS OPTIONAL

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use DTM01	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		600 As Of	
		<i>Use to indicate the as of date/time of the inventory 'snap-shot' balances when the files are transmitted to the DMLSS customer.</i>	
DTM02	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	
DTM03	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)	
		<i>User: Express time in a four-position (HHMM) format</i>	
DTM04	623	Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		LT Local Time	

Segment: **N1** Name
Position: 080
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.

Data Sample

Inventory Inquiry/Advice: N1*LW*1*111920690*NAVHOSP PENSACOLA
 N1*BY*1*006217061*DAKOTA DRUG

Notes: *Must use this 1/N1/080 loop to identify the organization originating the transaction set.*

DMLSS MANDATORY
Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		LW Customer	
		BY Buyer	
		SE Selling Party	
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	
		10 DODAAC	
Must Use N104	67	Identification Code	X AN 2/80
		Code identifying a party or other code	

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.

Data Sample

Inventory Inquiry/Advice: LIN**N4*00009738702
 LIN****MG*5851220
 LIN*****VC*R2555-21

- Notes:**
1. *Must use the 2/LIN/010 loop to identify the product NDC.*
 2. *Use the cited LIN02 and LIN03 segments to list the prime items.*
 3. *Use the 2/LIN/010 loop to identify the product NDC that is being substituted for the prime item.*
 4. *Use the LIN04/LIN05, LIN06/LIN07, and LIN08/LIN09 segments to indicate the alternate items replacing the prime items listed in the LIN02/LIN03 segments.*
 5. *Indicate a minimum of (1) and a maximum of (3) alternate items for each prime item in LIN02/LIN03 that is being substituted in LIN04 through LIN09.*

DMLSS MANDATORY
Data Element Summary

Ref.	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)

1. *Use the code N4 to identify the item of inventory. Must use the National Drug Code (NDC) when available.*
2. *Use the Vendor Catalog Number or Manufacturer's Part Number when an NDC is not available.*

N4	National Drug Code in 5-4-2 Format
VC	Vendor Catalog Number
MG	Manufacturer's Part Number

Must Use	LIN03	234	Product/Service ID Identifying number for a product or service	M AN 1/48						
	LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <ol style="list-style-type: none"> 1. Advice File only - Cited to indicate the alternate item that is replacing the prime item indicated in the customer's inquiry file. 2. Use the code N4 to identify the item of inventory that is being offered as a recommended substitution. 3. Use the Vendor Catalog Number or Manufacturer's Part Number when an NDC is not available. <table border="0"> <tr> <td>N4</td> <td>National Drug Code in 5-4-2 Format</td> </tr> <tr> <td>VC</td> <td>Vendor Catalog Number</td> </tr> <tr> <td>MG</td> <td>Manufacturer's Part Number</td> </tr> </table>	N4	National Drug Code in 5-4-2 Format	VC	Vendor Catalog Number	MG	Manufacturer's Part Number	M ID 2/2
N4	National Drug Code in 5-4-2 Format									
VC	Vendor Catalog Number									
MG	Manufacturer's Part Number									
	LIN05	234	Product/Service ID Identifying number for a product or service	M AN 1/48						
	LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <table border="0"> <tr> <td>N4</td> <td>National Drug Code in 5-4-2 Format</td> </tr> <tr> <td>VC</td> <td>Vendor Catalog Number</td> </tr> <tr> <td>MG</td> <td>Manufacturer's Part Number</td> </tr> </table> <ol style="list-style-type: none"> 1. Advice File only - Cited to indicate the alternate item that is replacing the prime item indicated in the customer's inquiry file. 2. Use the code N4 to identify the item of inventory that is being offered as a recommended substitution. 3. Use the Vendor Catalog Number or Manufacturer's Part Number when an NDC is not available. 	N4	National Drug Code in 5-4-2 Format	VC	Vendor Catalog Number	MG	Manufacturer's Part Number	M ID 2/2
N4	National Drug Code in 5-4-2 Format									
VC	Vendor Catalog Number									
MG	Manufacturer's Part Number									
	LIN07	234	Product/Service ID Identifying number for a product or service	M AN 1/48						
	LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <table border="0"> <tr> <td>N4</td> <td>National Drug Code in 5-4-2 Format</td> </tr> <tr> <td>VC</td> <td>Vendor Catalog Number</td> </tr> <tr> <td>MG</td> <td>Manufacturer's Part Number</td> </tr> </table> <ol style="list-style-type: none"> 1. Advice File only - Cited to indicate the alternate item that is replacing the prime item indicated in the customer's inquiry file. 2. Use the code N4 to identify the item of inventory that is being offered as a recommended substitution. 3. Use the Vendor Catalog Number or Manufacturer's Part Number when an NDC is not available. 	N4	National Drug Code in 5-4-2 Format	VC	Vendor Catalog Number	MG	Manufacturer's Part Number	M ID 2/2
N4	National Drug Code in 5-4-2 Format									
VC	Vendor Catalog Number									
MG	Manufacturer's Part Number									
	LIN09	234	Product/Service ID	M AN 1/48						

- Segment:** **PID** Product/Item Description
- Position:** 030
- Loop:** LIN Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 200
- 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.
 - 3 If PID07 is present, then PID03 is required.
 - 4 If PID08 is present, then PID04 is required.
 - 5 If PID09 is present, then PID05 is required.
- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
 - 2 PID04 should be used for industry-specific product description codes.
 - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
 - 4 PID09 is used to identify the language being used in PID05.
- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
 - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
 - 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Sample

Inventory Inquiry/Advice: **PID*F****MOTRIN 800MG TABLET**

- Notes:**
1. *Use to describe a product or service in a coded format, in free form text, or in both a coded format and free form text.*
 2. *Use also to provide information related to the product or service, e.g., warranty conditions, shipping information, material condition, etc.*

DMLSS MANDATORY

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PID01	349	Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free Form	
		<i>Use when a free-form text description will be carried in the segment.</i>	
PID05	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use to provide free form text information applicable to the item cited in the same LIN loop.</i>	

Segment: **QTY** Quantity
 Position: 320
 Loop: QTY Optional
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify quantity information
 Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
 Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
 Comments:

Data Sample

Inventory Inquiry/Advice: QTY*30*10*BT

Notes: *Use multiple iterations of the 2/QTY/320 loop, as needed, in asset status reports only to indicate inventory values and Unique Item Tracking (UIT) information per NDC.*

DMLSS MANDATORY

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			30	Quote Quantity on Inventory <i>Use to identify the requested inventory balance from prime vendor in the DMLSS Customer Inquiry file.</i>
			29	Projected Available Inventory <i>Use to identify the projected on hand inventory balance in the Prime Vendor Advice file.</i>
Must Use	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity <i>Express as a whole number with no decimals.</i>	
	QTY03	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (Refer to the DMLSS Unit of Measure matrix for examples of use and comparison to X.12 v004010 values). <i>DMLSS users see the Unit of Issue Code Table for applicable codes in System Services TMU.</i>	

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 Sample
Inventory Inquiry/Advice: SE*15*1001

Notes: [Redacted]

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	Number of Included Segments	M NO 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	
			<i>Cite the same number as the one cited in ST02.</i>	

IEA Interchange Control Trailer

Pos: Max: 1
 Mandatory
 Loop: N/A Elements: 2

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary: IEA*1*000001001

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange <i>User: 1. Use to identify the number of GS segments (functional groups) within an interchange.</i> <i>2. Transmit the required number of characters without leading or trailing blanks.</i>	M	NO	1/5	Must use
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender <i>User: Cite the same nine-digit interchange control number as was assigned by the originator in ISA13.</i>	M	NO	9/9	Must use



846 Inventory Inquiry/Advice

Sample File Set

DMLSS Customer 846 Inquiry File to DSCP Prime Vendor

```

ISA*00*          *00*          *01*DMLSS          *01*006217061
20040506*1601*U*00401*000001001*O*P*
GS*IB*DMLSS*006217061*20040506*1545*1001*X*004010
ST*846*00001
BIA*00*TI*DMLSS*20040506
DTM*600*20040506*1601*LT
N1*LW*1*111920690*NAVHOSP PENSACOLA
N1*BY*1*006217061*DAKOTA DRUG
LIN**N4*00009738702
PID*F***MOTRIN 800MG TABLET
QTY*30*10*BT
LIN****MG*5851220
PID*F***VIALS UNASSMBLD 20 ML 500/CS
QTY*500*1*CS
LIN*****VC*R2555-21
PID*F***VIALS ASSMBLD POLY CAP 20 ML
QTY*500*1*CS
SE*15*1001
GE*1*1001
IEA*1*000001001

```



846 Inventory Inquiry/Advice

Sample File Set

DSCP Prime Vendor 846 Advice File to DMLSS Customer

ISA*00* *00* *01*006217061 *01*DMLSS
 20040506*1617*U*00401*000001001*0*P*
 GS*IB*006217061*DMLSS *20040506*1617*1001*X*004010
 ISA*00* *00* *01*DMLSS *01*006217061
 20040506*1601*U*00401*000001001*0*P*
 GS*IB*DMLSS*006217061*20040506*1617*1001*X*004010
 ST*846*00001
 BIA*00*TJ*DMLSS*20040506
 DTM*600*20040506*1617*LT
 N1*LW*1*111920690*NAVHOSP PENSACOLA
 N1*SE*1*006217061*DAKOTA DRUG
 LIN**N4*00009738702
 PID*F***MOTRIN 800MG TABLET
 QTY*30*5*BT
 LIN****MG*5851220
 PID*F***VIALS UNASSMBLD 20 ML 500/CS
 QTY*500*1*CS
 LIN*****VC*R2555-21
 PID*F***VIALS ASSMBLD POLY CAP 20 ML
 QTY*500*1*CS
 LIN*****N4*60429009427
 PID*F***IBUPROFEN 800MG TABLET
 QTY*270*5*CT
 SE*18*1001
 GE*1*1001
 IEA*1*000001001

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<https://dmmonline.dscp.dla.mil/pharm/edifiles/PHARMEDlv5b.pdf>

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