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Draft

Department
of
Defense

DoD
Electronic Data
Interchange (EDI)
Convention

ASC X12 Transaction Set 832
Price Sales Catalog
(Version 003030)

DL108LN1

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Draft

Department
of
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DoD Electronic Data Interchange (EDI) Convention

ASC X12 Transaction Set 832
Price Sales Catalog
(Version 003030)

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Executive Agent for EC/EDI/PLUS
Defense Logistics Agency
Cameron Station
Alexandria, VA 22304-6100

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1.0 INTRODUCTION

This chapter explains the purpose of the convention, the scope of the guidance, and provides an explanation of how to use the convention.

1.1 PURPOSE OF THE CONVENTION

The convention provides general guidance on the implementation of American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 electronic data interchange (EDI) standards within automated information systems (AIS) and information interchange procedures that require the collection, reporting, and/or exchange of data needed to perform defense missions.

1.2 SCOPE

The guidance is provided for two components. First, it may be used by organizational elements of the DoD community. It may also be useful to organizations external to DoD that exchange data with the DoD community in the course of their business relationships.

The DoD community encompasses the Military Services, Organizations of the Joint Chiefs of Staff, Unified and Specified Commands, Office of the Secretary of Defense, and the Defense agencies. (That community is collectively referred to as the DoD Components.)

Organizational entities external to DoD include (a) non-Government organizations, both commercial and nonprofit; (b) Federal agencies of the United States Government other than DoD; (c) local and state governments; (d) foreign national governments; and (e) international government organizations.

The draft convention published in this document is for trial use and comment. DoD Components must submit to the DoD EDI Executive Agent (EA) their data requirements that are not covered in the conventions as soon as possible, as indicated in Chapter 2.0, Section 2.1.

1.3 RESPONSIBLE ENTITY

The Defense Logistics Agency (DLA) is DoD's Executive Agent for implementing and maintaining Defense-wide programs for (a) EDI in accordance with DepSecDef memorandum of May 24, 1988, Subject: *Electronic Data Interchange of Business-Related Transactions;* and (b) Protection of Logistics Unclassified/Sensitive Systems (PLUS) in accordance with Assistant Secretary of Defense (Production and Logistics) [ASD(P&L)] memorandum of November 21, 1989, Subject: *Production and Logistics Task Group for Data Protection.* Publication of these conventions is based upon this authority. See Chapter 2.0 *Maintenance,* Section 2.1 for office point of contact.

1.4 HOW TO USE THE IMPLEMENTATION CONVENTION

The main topics and structures of this document conform to the *EDI Implementation Reference Manual Guidelines* document that was developed by a task group of the subcommittee on education and implementation of the ASC X12. The purpose of having agreed-upon topics and structure is to facilitate reference by the many industry and DoD personnel who are involved in implementing the uniform standards for electronic interchange of business transactions.

1.4.1 Conventions, Standards, and Guidelines

The terms conventions, standards, and guidelines are used throughout the document and are defined as follows:

- *Conventions* are the common practices and/or interpretations of the use of ASC X12 standards. Conventions define what is included in a specific implementation of an ASC X12 standard.

- *Standards* are the technical documentation approved by ASC X12; specifically, transaction sets, segments, data elements, code sets, and interchange control structure. Standards provide the structure for each ASC X12 document.

- *Guidelines* are instructions on the use of EDI. They provide additional information to assist in conducting EDI. Guidelines are intended to provide assistance and should not be your sole source of information.

1.4.1.1 Who Develops the Conventions?

Conventions result from a joint effort between business, technical, and EDI ASC X12 standards experts. The business data requirement is defined, a transaction set is selected, and the data requirement is then identified with data elements in the transaction set. A convention is usually developed before any computer EDI systems development work and serves as a design document when the development process begins.

1.4.1.2 Why Use a Convention?

To create an ASC X12 transaction, a user must know the data requirements, understand the ASC X12 standard, and be able to use that information to develop an interface program between the computer application and the ASC X12 translator. The necessary information to perform this task is contained in the convention document. Users who follow the convention will create a transaction set that all DoD users understand.

1.4.1.3 Who Needs a Convention?

System analysts and application programmers who plan to create or read ASC X12 transactions use a convention to aid in interface software design. The convention will help the programmer and analyst identify where their application data requirement should be carried in an ASC X12 transaction set.

1.4.4.4 Can I Develop a Convention?

Conventions already exist for some of the most common business practices. Copies of existing conventions can be acquired through your organization's EDI coordinator at the start of an EDI project. If you find no conventions for the business practice you are about to implement, your EDI coordinator should contact the DoD Executive Agent for EDI. See Chapter 2.0, *Maintenance*, Section 2.1 for the point of contact.

1.4.2 Documentation of Conventions

Conventions are adopted from, and are intended to be in conformance with, ANSI ASC X12 standards or ASC X12 Draft Standards for Trial Use (DSTU).

1.4.2.1 Transaction Set

Figure 1.4-1 provides an example of a transaction set table. The transaction set defines information of business or strategic significance and consists of a transaction set header segment, one or more data segments in a specified order, and a transaction set trailer segment. The actual ASC X12 standard as it appears in the official ASC X12 standards manual is presented on the right side of the page. This standard also includes both syntax notes and comments. The specific DoD usage designator is presented on the left side of the page.

The designation "N/U" appears in the left column if DoD does not use the specific segment. A page number will appear if the segment is used.

1.4.2.2 Transaction Set Segment

Figure 1.4-2 is an example of a transaction set segment.

DoD usage is specified on the left side of the page. For identifier (ID) — type data elements, acceptable code values are listed on the right side of the page under the definitions of the element.

DoD notes, reflecting how the convention is to be used appear on the right side of the page at the segment level or the data element level.

The following definitions are for use in interpreting the data element requirement designators in the DoD-specific segment directory section of the convention. For ASC X12 usage, see the definitions in *X12.6 Application Control Structure*.

• *Mandatory*
  Mandatory data elements are defined by ASC X12.

• *Optional*
  Optional data elements are used at the discretion of the sending party or are based upon mutual agreement between trading partners.

824 Application Advice

This standard provides the format and establishes the data contents of the Application Advice Transaction Set (824) within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accomodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

Table 1

PAGE #	POS. #	SEQ. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
2	010	ST	Transaction Set Header	M	1	
3	020	BGN	Beginning Segment	M	1	
			LOOP ID - N1			**2**
4	030	N1	Name	O	1	
5	040	N2	Additional Name Information	O	2	
6	050	N3	Address Information	O	2	
7	060	N4	Geographic Location	O	1	
8	070	REF	Reference Numbers	O	12	
9	080	PER	Administrative Communications Contact	O	3	

Table 2

PAGE #	POS. #	SEQ. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
			LOOP ID - OTI			**10000**
10	010	OTI	Original Transaction Identification	M	1	
12	020	REF	Reference Numbers	O	12	
13	030	DTM	Date/Time Reference	O	2	
N/U	040	PER	Administrative Communications Contact	O	3	
N/U	050	AMT	Monetary Amount	O	10	
N/U	060	QTY	Quantity	O	10	
			LOOP ID - TED			**10000**
14	070	TED	Technical Error Description	O	1	
15	080	NTE	Note/Special Instruction	O	100	
16	090	SE	Transaction Set Trailer	M	1	

1

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Figure 1.4-1 Example of a Transaction Set Table

824 · APPLICATION ADVICE
BGN · BEGINNING SEGMENT

ANSI ASC X12 VERSION/RELEASE 003010DOD

Segment: RGN Beginning Segment

Level: Header

Loop: ____

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a transaction set.

Syntax: If BGN05 is used, BGN04 is required.

Comments: *1.* BGN02 is the Transaction Set Reference Number.

2. BGN03 is the Transaction Set Date.

3. BGN04 is the Transaction Set Time.

4. BGN05 is the transaction set time qualifier.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory BGN01	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set.	M	ID	2/2
		00 Original			
		01 Cancellation			
		04 Change			
		12 Not Processed			
Mandatory BGN02	127	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M	AN	1/30
Mandatory BGN03	373	**Date** Date (YYMMDD).	M	DT	6/6
Conditional BGN04	337	**Time** Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	C	TM	4/4

Implementation Note:
Use HHMM.

Not Used BGN05	623	**Time Code**	O	ID	2/2

Figure 1.4-2 Example of a Transaction Set Segment

- *Required*

  Required data elements are considered optional under ASC X12 rules, but are required by DoD decision.

- *Recommended*

  Recommended data elements are considered optional under ASC X12 rules and by the DoD, but the industry recommends their use to facilitate EDI. Most companies in the industry are expected to use this data element.

- *Not Used*

  "Not Used" data elements are those that the DoD does not use.

- *Conditional*

  Conditional data elements depend on the presence of other data elements in the transaction set.

2.0 MAINTENANCE

This chapter describes the procedures for maintaining the DoD conventions. It also presents a section on version/release timing.

2.1 MAINTAINING CONVENTIONS

The DLA, as DoD's Executive Agent for EDI and PLUS, has established a joint program office to oversee implementation of EDI. Some of the functions of this program office are to maintain configuration control of related standards and common support packages (e.g., versions of ASC X12 standards and PLUS algorithms employed), participate in the standards-setting process, and ensure compliance with approved EDI standards.

To accomplish these functions, the joint program office has established a conventions and standards development and maintenance process whose objectives are: (1) to obtain ASC X12 data requirements from the DoD Components and present the requirements to the ASC X12 for consideration as ANSI standards, and (2) to develop and maintain conventions for use by DoD Components and their potential trading partners.

To take advantage of, and not duplicate, existing data standardization processes, the EA has established focal points within the ASD Offices, the Military Services, and the Defense Agencies from which EDI information is obtained and disseminated.

The EA's primary source of information about DoD's data requirements is the EDI User.

Changes to this publication and recommended changes to ANSI ASC X12 should be forwarded through your organizational point of contact for data standardization to:

> EDI Standards Coordinator
> ATTN: DLA-ZC
> Cameron Station
> Alexandria, VA 22304-6100

See Chapter 4 for reproducible ASC X12 Work Request forms.

2.2 VERSION/RELEASE TIMING

Identification of the official "version" of a standard is critical to the successful interchange of information. Each participant must be able to send and receive the same version to ensure the accuracy of the information exchanged.

The version is transmitted as a 12-character code in the Functional Group Header segment (GS) in Data Element #480, Version/Release/Industry ID. This 12-character code is used by ASC X12 as follows:

Position	Content
1-3	Version number
4-5	Release level of version
6	Subrelease
7-12	DoD/Industry or Trade Association ID

ASC X12 assigns the codes in positions 1 through 6.

A major version (1-3) will change only after an official public review cycle, leading to republication of a new American National Standard.

Release level of each new major version (4-6) will begin at "000" and incremented by 1 for each new ASC X12 approved publication cycle, usually once a year. The fifth character designates the release and the sixth character designates the subrelease.

DoD/Industry/Trade Association ID (7-12) is used to identify conventions. For this suffix, DcD will use "DoD_" with the 10th character identifying successive publications. The 11th and 12th characters may be used by the Military Departments or Defense Agencies.

DoD conventions for using ASC X12 standards are published annually. Conventions developed for each release will be maintained for 4 years. Military Services and DoD Agencies will determine which release to use on the basis of business need but will not use any release more than 4 years old without approval of the DoD EA.

3.0 DoD CONVENTIONS FOR USING ASC X12 TRANSACTION SETS

This chapter defines the DoD transaction set conventions. It includes the instructions for implementing the control structure and definitions of the usage indicators and applicable codes.

3.1 INTRODUCTION

The power of the ASC X12 standard is in its building block concept, which standardizes the essential elements of business transactions. It is analogous to a "standard bill of materials and the construction specifications," which gives the architect flexibility in what can be designed with standardized materials and procedures. The EDI system designer, like the architect, uses the ASC X12 standards to build business transactions that are often different because of their function and yet utilize the ASC X12 standards. The "bill of materials and the construction specification" of ASC X12 are the standards found in the published technical documentation.

ASC X12.3 – The *Data Element Dictionary* specifies the data elements used in the construction of the segments that comprise the transaction sets developed by ASC X12.

ASC X12.5 – The *Interchange Control Structure* provides the interchange control segment (also called an envelope) of a header and trailer for the electronic interchange through a data transmission; it also provide a structure to acknowledge the receipt and processing of the envelope.

ASC X12.6 – The *Application Control Structure* defines the basic control structures, syntax rules, and semantics of EDI.

ASC X12.22 – The *Data Segment Directory* provides the definitions and specifications of the segments used in the construction of transaction sets developed by ASC X12.

The DoD convention in Section 3.4 conform to the above standards and each transaction set is a complete document to the extent possible. For further clarification of acronyms, abbreviations, and codes, refer to ASC X12 published technical documentation. Contact the DoD EDI Executive Agent for copies or the Data Interchange Standards Association, Inc., Suite 355, 1800 Diagonal Road, Alexandria, VA 22314.

3.2 CONTROL SEGMENTS

In addition to the communication control structure, the EDI structure provides the standards user with multiple levels of control to ensure data integrity. It does so by using header and trailer control segments

designed to identify uniquely the start and end of the interchange functional groups and transaction sets. The relationship of these control segments is shown in Figure 3.2-1. Control Segment specifications are defined in Section 3.2.2.

3.2.1 Description of Use

The interchange header and trailer segments surround one or more functional groups or interchange-related control segments and perform the following functions:

- Define the data element separators and data segment terminators

- Identify the sender and receiver

- Provide control information

- Allow for authorization and security information.

The Interchange Acknolwedgment Segment is used to acknowledge one interchange header and trailer envelope where the envelope surrounds one or more functional groups. (No acknowledgment is made for the interchange acknowledgment.)

The interchange control number value in the acknowledgment (TA1 segment) is the same as that for the ISA segment that is being acknowledged. The control number serves as a link between the interchange header and trailer and the acknowledgment of that header and trailer.

The interchange acknowledgment does not report any status on the functional groups contained in the interchange and is separate from the communication system's error procedures.

The preparer of the interchange header and trailer indicates the level of acknowledgment in Data Element 113, Acknowledgment Requested. If an acknowledgment is requested, then the recipient *must return an acknowledgment. If not requested, none should be given.*

The interchange acknowledgment control segments are placed after the interchange header and before the first functional group or before the interchange trailer if there are no functional groups.

Control segments are standard for all implementation conventions produced for the Department of Defense. Some codes associated with individual data elements within the control segments are unique to the individual transaction set. Others, identify the ANSI version and release in which the convention is written.
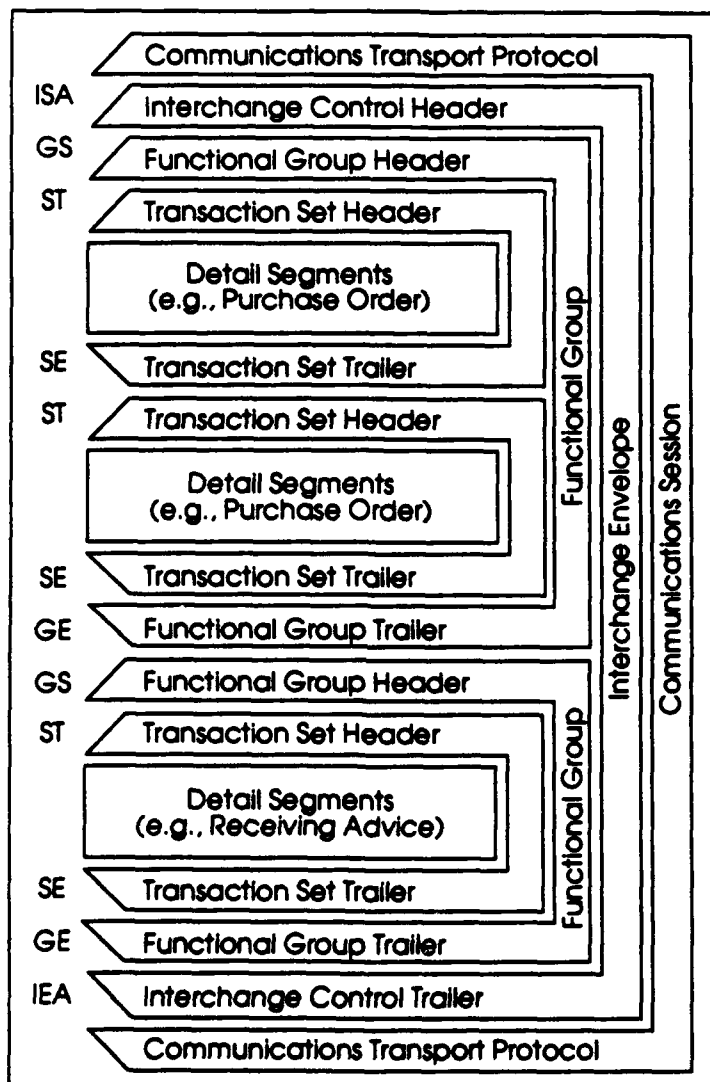
Figure 3.2-1. Hierarchical Structure

3.2.2 Control Segment Specifications

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

001 · CONTROL SEGMENTS
ISA · INTERCHANGE CONTROL HEADER

832 PRICE SALES CATALOG
ANSI ASC X12 VERSION/RELEASE 003030DOD_

Segment: **ISA** Interchange Control Header

Purpose: To start and identify an interchange of one or more functional groups and interchange-related control segments.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	ISA01	I01	**Authorization Information Qualifier** Code to identify the type of information in the Authorization Information.	M	ID	2/2

       00 No Authorization Information Present (No Meaningful Information in I02)

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	ISA02	I02	**Authorization Information** Information used for additional identification or authorization of the sender or the data in the interchange. The type of information is set by the Authorization Information Qualifier.	M	AN	10/10

Implementation Note:
If no authorization information is agreed to by trading partners, fill field with blanks.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	ISA03	I03	**Security Information Qualifier** Code to identify the type of information in the Security Information.	M	ID	2/2

       01 Password

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	ISA04	I04	**Security Information** This is used for identifying the security information about the sender or the data in the interchange. The type of information is set by the Security Information Qualifier.	M	AN	10/10

Implementation Note:
An agreed upon password. If no security information is agreed to by trading partners, fill field with blanks.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	ISA05	I05	**Interchange ID Qualifier** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M	ID	2/2

       ZZ Mutually Defined

      Code Value Implementation Note:
      An agreed upon designation of DoD Activity Address Code (DoDAAC) or other code coordinated with the value-added network (VAN).

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	ISA06	I06	**Interchange Sender ID** 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 number in the sender ID element.	M	ID	15/15

Implementation Note:
DoD activities use Department of Defense Activity Address Code (DoDAAC) or other code coordinated with the value-added network (VAN). Non-DoD activities use identification code qualified by ISA05 and coordinated with the VAN.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	ISA07	I05	**Interchange ID Qualifier** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	M	ID	2/2

       ZZ Mutually Defined

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

832 PRICE SALES CATALOG
ANSI ASC X12 VERSION/RELEASE 003030DOD_

001 · CONTROL SEGMENTS
ISA · INTERCHANGE CONTROL HEADER

Code Value Implementation Note:
An agreed upon designation of DoD Activity Address Code (DoDAAC) or other code coordinated with the value-added network (VAN).

| Mandatory | ISA08 | I07 | Interchange Receiver ID | M | ID | 15/15 |

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.

Implementation Note:
DoD activities use Department of Defense Activity Address Code (DoDAAC) or other code coordinated with the value-added network (VAN). Non-DoD activities use identification code qualified by ISA05 and coordinated with the VAN.

| Mandatory | ISA09 | I08 | Interchange Date | M | DT | 6/6 |

Date of the interchange.

Implementation Note:
Assigned by translation software. YYMMDD

| Mandatory | ISA10 | I09 | Interchange Time | M | TM | 4/4 |

Time of the interchange.

Implementation Note:
Assigned by translation software. HHMM

| Mandatory | ISA11 | I10 | Interchange Control Standards Identifier | M | ID | 1/1 |

Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer.

U U.S. EDI Community of ASC X12, TDCC, and UCS

| Mandatory | ISA12 | I11 | Interchange Control Version Number | M | ID | 5/5 |

This version number covers the interchange control segments and the functional group control segments.

00303 Draft Standard for Trial Use Approved for Publication by ASC X12 Procedures Review Board Through October 1992

Code Value Implementation Note:
Version ID as defined or agreed upon by the trading partners.

| Mandatory | ISA13 | I12 | Interchange Control Number | M | N0 | 9/9 |

This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.

| Mandatory | ISA14 | I13 | Acknowledgment Requested | M | ID | 1/1 |

Code sent by the sender to request an interchange acknowledgment.

0 No Acknowledgment Requested

1 Interchange Acknowledgment Requested

| Mandatory | ISA15 | I14 | Test Indicator | M | ID | 1/1 |

Code to indicate whether data enclosed by this interchange envelope is test or production.

P Production Data

T Test Data

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DRAFT IMPLEMENTATION CONVENTION

001 · CONTROL SEGMENTS
ISA · INTERCHANGE CONTROL HEADER

832 PRICE SALES CATALOG
ANSI ASC X12 VERSION/RELEASE 003030DOD_

Code Value Implementation Note:
Assigned by translation software.

Mandatory	ISA16	I15	Subelement Separator	M	AN	1/1

This is a field reserved for future expansion in separating data element subgroups. (In the interest of a migration to international standards, this should be different from the data element separator).

Implementation Note:
Use character "<".

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

832 PRICE SALES CATALOG	001 • CONTROL SEGMENTS
ANSI ASC X12 VERSION/RELEASE 003030DOD_	GS • FUNCTIONAL GROUP HEADER

Segment: GS Functional Group Header

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

Syntax: The data interchange control number (GS06) in this header must be identical to the same data element in the associated Functional Group Trailer (GE02).

Comment: 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.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	GS01	479	Functional Identifier Code	M	ID	2/2

Code identifying a group of application related Transaction Sets.

Implementation Note:
Choose the code value appropriate to the information content of the functional group. See X12 Dictionary for source code list.

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	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	GS02	142	Application Sender's Code	M	AN	2/15

Code identifying party sending transmission. Codes agreed to by trading partners.

Implementation Note:
DoD activities use Department of Defense Activity Address Code (DoDAAC). Non-DoD activities use identification code assigned by DoD activity. Recommend for increased security that non-DoD code differ from that used in ISA06.

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	GS03	124	Application Receiver's Code	M	AN	2/15

Code identifying party receiving transmission. Codes agreed to by trading partners.

Implementation Note:
DoD activities use Department of Defense Activity Address Code (DoDAAC). Non-DoD activities use identification code assigned by DoD activity. Recommend for increased security that non-DoD code differ from that used in ISA08.

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	GS04	373	Date	M	DT	6/6

Date sender generated a transaction set.

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	GS05	337	Time	M	TM	4/6

Time expressed in 24-hour clock time.

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	GS06	28	Group Control Number	M	NO	1/9

Assigned number originated and maintained by the sender.

Implementation Note:
Assigned by translation software.

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	GS07	455	Responsible Agency Code	M	ID	1/2

Code used in conjunction with Data Element 480 to identify the issuer of the standard.

X Accredited Standards Committee X12

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

001 · CONTROL SEGMENTS
GS · FUNCTIONAL GROUP HEADER

832 PRICE SALES CATALOG
ANSI ASC X12 VERSION/RELEASE 003030DOD_

Code Value Implementation Note:

Indicates that an ANSI X12 standard is being transmitted.

Mandatory	GS08	480	**Version/Release/Industry ID Code**	M	ID	1/12

Code indicating the version, release, subrelease and industry identifier of the EDI standard being used. Positions 1-3, version number; positions 4-6, release and subrelease level of version; positions 7-12, industry or trade association identifier (optionally assigned by user).

003030 Draft Standards Approved by ASC X12 Through June 1992.

Code Value Implementation Note:

Code value agreed to by trading partners. See X12 Dictionary for source code list.

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DRAFT IMPLEMENTATION CONVENTION

832 PRICE SALES CATALOG
ANSI ASC X12 VERSION/RELEASE 003030DOD_

001 · CONTROL SEGMENTS
GE · FUNCTIONAL GROUP TRAILER

Segment: GE **Functional Group Trailer**

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

Syntax: The data interchange control number (GE02) in this trailer must be identical to the same data element in the associated Functional Group Header (GS06).

Comment: 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 Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
GE01	97	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.	M	NO	1/6

Mandatory

Implementation Note:
Assigned by translation software.

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
GE02	28	**Group Control Number** Assigned number originated and maintained by the sender.	M	NO	1/9

Mandatory

Implementation Note:
Assigned by the translation software. This control number must match the control number of the preceding GS06 control number.

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DRAFT IMPLEMENTATION CONVENTION

001 · CONTROL SEGMENTS
IEA · INTERCHANGE CONTROL TRAILER

832 PRICE SALES CATALOG
ANSI ASC X12 VERSION/RELEASE 003030DOD_

Segment: **IEA** Interchange Control Trailer

Purpose: To define the end of an interchange of one or more functional groups and interchange-related control segments.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	IEA01	I16	Number of Included Functional Groups	M	NO	1/5

A count of the number of functional groups included in a transmission.

Implementation Note:

Assigned by translation software.

Mandatory	IEA02	I12	Interchange Control Number	M	NO	9/9

This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.

Implementation Note:

Assigned by the translation software. This number must match the number that occurs in ISA13.

3.3 EXAMPLE OF CONVENTION USE

EXAMPLE - PRICE/SALES CATALOG TRANSACTION SET (832)

ASC X12 EDI FORMAT	DEFINITION
ST*832*0001 N/L	THIS IS A PRICE SALES CATALOG (832) TRANSACTION SET WITH A CONTROL NUMBER OF 0001.
BCT*PC*12345*A*3******00 N/L	THIS IS AN ORIGINAL TRANSMISSION OF A PRICE SALES CATALOG NUMBER 12345. VERSION A. REVISION 3.
REF*W6*GSA24680 N/L	FEDERAL SUPPLY SCHEDULE NUMBER GSA24680.
REF*PD*10 N/L	SELLER'S PROMOTION NUMBER 10.
DTM*016*940122 N/L	THE PROMOTION ENDS ON JANUARY 22, 1994.
CTB*OR**57*100*MO*200 N/L	THERE IS A MINIMUM ORDER QUANTITY OF 100 ITEMS AND A MINIMUM ORDER VALUE OF $200.00.
ITD*01**1**10**30 N/L	A BASIC DISCOUNT OF 1% IN 10 DAYS. NET AMOUNT DUE IN 30 DAYS IS OFFERED.
LDT*AF*30*DA N/L	FROM THE DATE OF RECEIPT ORDER, TO DATE OF DELIVERY IS 30 CALENDAR DAYS FOR ALL ITEMS IN THE CATALOG.
FOB*PP*DE N/L	THE SELLING PARTY WILL PREPAY ALL SHIPPING CHARGES AND THE FOB POINT IS DESTINATION.
N1*SE**33*98765 N/L	THE SELLING PARTY IS IDENTIFIED BY CAGE CODE 98765.
PER*IC*MR J. JONES*TE*3013209999 N/L	THE SELLING PARTY'S INFORMATION POINT OF CONTACT IS MR. ROBERT JONES. HIS TELEPHONE NUMBER IS 301-320-9999.
LIN*1*PN*A1*PD*WIDGET N/L	THE FIRST PART NUMBER LISTED IN THE CATALOG IS NUMBER A1. IT IS A WIDGET.
PID*F****WITH RED RACING STRIPE N/L	THE WIDGET IS FURTHER DESCRIBED AS HAVING A RED RACING STRIPE.
PO4*12*10*OZ N/L	THERE ARE 12-10 OUNCE PACKAGES OF WIDGETS PER PACK.

CTP***10 N/L	THE WIDGET HAS A UNIT PRICE OF $10.00 EACH.
LIN*2*PN*A2*PD*GADGET N/L	THE SECOND PART NUMBER LISTED IN THE CATALOG IS NUMBER A2. IT IS A GADGET.
PID*F****WITH BLUE RACING STRIPE N/L	THE GADGET IS FURTHER DESCRIBED AS HAVING A BLUE RACING STRIPE.
PO4*24*12*OZ N/L	THERE ARE 24-12 OUNCE INNER PACKAGES OF GADGETS PER PACK.
CTP***50 N/L	THE GADGETS HAVE A UNIT PRICE OF $50.00 EACH.
CTT*2 N/L	THERE ARE 2 LIN SEGMENTS IN THIS TRANSMISSION.
SE*21*0001 N/L	THERE ARE 21 SEGMENTS IN THE TRANSACTION SET WITH A CONTROL NUMBER OF 0001.

NOTE: ALL NUMBERS ARE NOTIONAL AND USED FOR ILLUSTRATION PURPOSES ONLY.

3.4 DoD CONVENTION

832 Price/Sales Catalog

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.

Table 1

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
3	010	ST	Transaction Set Header	M	1	
4	020	BCT	Beginning Segment for Price/Sales Catalog	M	1	
N/U	030	NTE	Note/Special Instruction	F	100	
N/U	040	CTP	Pricing Information	O	100	
6	050	REF	Reference Numbers	O	12	
7	060	PER	Administrative Communications Contact	O	3	
9	070	DTM	Date/Time Reference	O	10	
11	080	CTB	Restrictions/ Conditions	O	25	
N/U	090	CUR	Currency	O	5	
N/U	100	SSS	Special Services	O	25	
13	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
15	120	LDT	Lead Time	O	>1	
N/U	130	ITA	Allowance, Charge or Service	O	5	
16	140	FOB	F.O.B. Related Instructions	O	1	
		LOOP ID - N1				**200**
18	150	N1	Name	O	1	
20	160	N2	Additional Name Information	O	2	
21	170	N3	Address Information	O	2	
22	180	N4	Geographic Location	O	1	
23	190	REF	Reference Numbers	O	12	
24	200	PER	Administrative Communications Contact	O	3	
26	201	DTM	Date/Time Reference	O	10	

Table 2

PAGE #	POS. #	SEG. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
		LOOP ID - LIN				**700000**
28	010	LIN	Item Identification	O	1	
N/U	020	SLN	Subline Item Detail	O	100	
34	030	DTM	Date/Time Reference	O	10	
36	040	REF	Reference Numbers	O	12	

37	050	PER	Administrative Communications Contact	O	3
39	060	CTB	Restrictions/ Conditions	O	25
41	070	PID	Product/Item Description	O	200
43	080	MEA	Measurements	O	40
N/U	090	PKG	Marking, Packaging, Loading	O	25
45	100	PO4	Item Physical Details	O	1
47	110	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	1
N/U	120	SSS	Special Services	O	25
48	130	ITD	Terms of Sale/Deferred Terms of Sale	O	2
50	140	LDT	Lead Time	O	1
N/U	150	ITA	Allowance, Charge or Service	O	5
51	160	FOB	F.O.B. Related Instructions	O	1
N/U	165	TC2	Commodity	O	2

LOOP ID - LIN/CTP					100
53	170	CTP	Pricing Information	O	1
55	180	DTM	Date/Time Reference	O	10
N/U	190	LDT	Lead Time	O	1
N/U	200	CUR	Currency	O	5
N/U	210	PO4	Item Physical Details	O	1
N/U	220	CTB	Restrictions/ Conditions	O	5
N/U	225	REF	Reference Numbers	O	>1

LOOP ID - LIN/N1					200
56	230	N1	Name	O	1
58	240	N2	Additional Name Information	O	2
59	250	N3	Address Information	O	2
60	260	N4	Geographic Location	O	1
61	270	REF	Reference Numbers	O	12
62	280	PER	Administrative Communications Contact	O	3
64	281	DTM	Date/Time Reference	O	10

LOOP ID - PKL					10
N/U	285	PKL	Multi-Pack Configuration	O	1
N/U	290	CTP	Pricing Information	O	1

Table 3

PAGE #	POS. #	SEQ. ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
65	010	CTT	Transaction Totals	M	1	
66	020	SE	Transaction Set Trailer	M	1	

NOTE:
3/010 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**

Level: Header

Loop: ____

Mandatory · **Usage:** Mandatory

Max Use: 1

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

Semantic: 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 Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
ST01	143	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set.	M	ID	3/3
	832	X12.13 Price/Sales Catalog			
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

(Mandatory — ST01)
(Mandatory — ST02)

Implementation Note:
This is the same number as the one carried in SE02.

Segment: BCT Beginning Segment for Price/Sales Catalog

Level: Header

Loop: ____

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the price/sales catalog transaction set and to specify catalog purpose and number information.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	BCT01	683	**Catalog Purpose Code** Code indicating purpose of catalog.	M	ID	2/2

Implementation Note:
Use whichever code describes the type of catalog being submitted.

    PC Price Catalog
    PS Price Sheet
    SC Sales Catalog

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional	BCT02	684	**Catalog Number** Identifying number for catalog or superseded catalog.	O	AN	1/15

Implementation Note:
A unique number assigned by the originator of the transaction set that identifies the catalog being transmitted.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional	BCT03	685	**Catalog Version Number** Identifying version number of catalog or superseded catalog.	O	AN	1/15

Implementation Note:
A unique number assigned by the originator of the transaction set that identifies the version, if any, to the catalog being transmitted.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional	BCT04	686	**Catalog Revision Number** Identifying revision number of catalog or superseded catalog.	O	AN	1/6

Implementation Note:
A unique number assigned by the originator of the transaction set that identifies the revision, if any, to the catalog being transmitted.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Not Used	BCT05	355	**Unit or Basis for Measurement Code**	O	ID	2/2
Not Used	BCT06	684	**Catalog Number**	O	AN	1/15
Not Used	BCT07	685	**Catalog Version Number**	O	AN	1/15
Not Used	BCT08	686	**Catalog Revision Number**	O	AN	1/6
Not Used	BCT09	352	**Description**	O	AN	1/80
Optional	BCT10	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set.	O	ID	2/2

    00 Original

Code Value Implementation Note:
Use code "00" when transmitting an original catalog.

02 Add

Code Value Implementation Note:
Use code "02" when transmitting additional information to a previously transmitted catalog.

03 Delete

Code Value Implementation Note:
Use code "03" when deleting information previously transmitted.

04 Change

Code Value Implementation Note:
Use code "04" when changing information previously transmitted.

07 Duplicate

Code Value Implementation Note:
Use code "07" when transmitting a duplicate of a previously transmitted transaction.

Segment: REF Reference Numbers

Level: Header

Loop: ____

Optional

Usage: Optional

Max Use: 12

Purpose: To specify identifying numbers.

Syntax: R0203 — At least one of REF02 or REF03 is required.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	

Mandatory

| REF01 | 128 | Reference Number Qualifier | M | ID | 2/2 |

Code qualifying the Reference Number.

Implementation Note:
Use the applicable code. When either code "CT" or code "W6" is used, there must be an accompanying "DTM" segment in Table 1 of the transaction set, using code "036" in "DTM01" to convey the expiration date of the contract or Federal Supply Schedule.

CT Contract Number

Code Value Implementation Note:
Use code "CT" when the price list being transmitted applies to an existing Government contract (e.g., to represent the 13-character Procurement Instrument Identification Number).

PD Promotion/Deal Number

Code Value Implementation Note:
Use code "PD" to indicate a unique promotion or deal number assigned by the originator of the transaction set.

W6 Federal Supply Schedule Number

Code Value Implementation Note:
Use code "W6" when the price list being transmitted applies to an existing Federal Supply Schedule.

Conditional

| REF02 | 127 | Reference Number | C | AN | 1/30 |

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

Implementation Note:
The actual contract, promotion, deal, or Federal Supply Schedule number.

Not Used

| REF03 | 352 | Description | C | AN | 1/80 |

Segment: PER Administrative Communications Contact

Level: Header

Loop: _____

Optional

Usage: Optional

Max Use: 3

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

Syntax: *1.* P0304 — If either PER03 or PER04 is present, then the other is required.

2. P0506 — If either PER05 or PER06 is present, then the other is required.

Implementation Note:
The "PER" segment at position "060" of Table 1 will only be used when the point of contact is not related to an address being carried in the "N1" loop of Table 1. If the information point of contact IS related to an address, then the "PER" segment within the "N1" loop of Table 1 must be used.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	PER01	366	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named.	M	ID	2/2

      IC Information Contact

Code Value Implementation Note:
Use only code "IC" to qualify an information point of contact at the location of the party originating the transaction set.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional	PER02	93	**Name** Free-form name.	O	AN	1/35

Implementation Note:
The actual name of the information point of contact at the location of the party originating the transaction set.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	PER03	365	**Communication Number Qualifier** Code identifying the type of communication number.	C	ID	2/2

Implementation Note:
While any code from the list in this implementation convention can be used, there must be at least one use of code "TE" to provide the telephone number of the party transmitting the price sales catalog.

      EM Electronic Mail
      FX Facsimile
      IT International Telephone
      TE Telephone
      TM Telemail

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	PER04	364	**Communication Number** Complete communications number including country or area code when applicable.	C	AN	1/25
Conditional	PER05	365	**Communication Number Qualifier**	C	ID	2/2

Code identifying the type of communication number.

Implementation Note:

A second communications number can be provided in one iteration of the "PER" segment. If more than two communications numbers are provided, a second (and third) iteration of the "PER" segment will be used.

EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone
TM	Telemail

Conditional   PER06   364   **Communication Number**   C   AN   1/25
Complete communications number including country or area code when applicable.

Optional

Segment: DTM Date/Time Reference

Level: Header

Loop: ___

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax: R0203 — At least one of DTM02 or DTM03 is required.

Implementation Note:
Use this "DTM" segment only when the date(s) applies(y) to the entire price sales catalog, and only when the date(s) is (are) not related to a named party. If the date(s) does (do) not relate to the entire price sales catalog then it must be carried in the "DTM" segment in Table 2. If the date(s) is (are) related to a named party(ies) , then it (they) must be carried in the "DTM" segment in the "N1" loop of Table 1.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory DTM01	374	Date/Time Qualifier	M	ID	3/3

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

001 Cancel After

Code Value Implementation Note:
Use code "001" to qualify a date beyond which a pricing arrangement will no longer be valid.

007 Effective

Code Value Implementation Note:
Use code "007" to qualify the effective date of the price sales catalog.

015 Promotion Start

Code Value Implementation Note:
Use code "015" to qualify the start date of a promotion.

016 Promotion End

Code Value Implementation Note:
Use code "016" to qualify the stop date of a promotion.

036 Expiration

Code Value Implementation Note:
Use code "036" to qualify the expiration date of the price sales catalog.

092 Contract Effective

Code Value Implementation Note:
Use code "092" to qualify the effective date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

093 Contract Expiration

Code Value Implementation Note:
Use code "093" to qualify the expiration date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

Conditional DTM02	373	Date	C	DT	6/6

Date (YYMMDD).

Implementation Note:
The actual effective, expiration, start, or stop date of the item qualified.

Not Used	DTM03	337	Time	C	TM	4/6
Not Used	DTM04	623	Time Code	O	ID	2/2
Not Used	DTM05	624	Century	O	N0	2/2

Segment: CTB **Restrictions/ Conditions**

Level: Header

Loop: ____

Optional

Usage: Optional

Max Use: 25

Purpose: To specify restrictions/conditions (such as shipping, ordering)

Syntax: *1.* R020406 — At least one of CTB02, CTB04 or CTB06 is required.

2. P0304 — If either CTB03 or CTB04 is present, then the other is required.

3. P0506 — If either CTB05 or CTB06 is present, then the other is required.

Implementation Note:
Use this "CTB" segment when the quantities and/or amounts apply to the entire transaction set.
Use the "CTB" segment in Table 2 when the quantity and or amount applies to a cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
CTB01	688	**Restrictions/Conditions Qualifier** Code identifying the type of restriction/condition.	M	ID	2/2

Mandatory

    NR Nonreturnable

Code Value Implementation Note:
Use code "NR" when relating non returnable quantities and/or monetary amounts;

    OR Ordering

Code Value Implementation Note:
Use code "OR" when relating minimum order quantities and/or monetary amounts;

    SR Shipping

Code Value Implementation Note:
Use code "SR" when relating minimum shipment quantities and/or monetary amounts.

Conditional

CTB02	352	**Description** A free-form description to clarify the related data elements and their content.	C	AN	1/80

Implementation Note:
Use for a free-form text description of a restriction or condition applying to either a quantity or a dollar amount of a product contained in a price sales catalog.

Conditional

CTB03	673	**Quantity Qualifier** Code specifying the type of quantity.	C	ID	2/2

    27 Committed Quantity

Code Value Implementation Note:
Use code "27" to indicate a minimum quantity that a buying party must commit to purchase

    56 Minimum Contract Quantity

Code Value Implementation Note:
Use code "56" to indicate a minimum contract quantity;

    57 Minimum Order Quantity

Code Value Implementation Note:
Use code "57" to indicate a minimum order quantity;

69 Incremental Order Quantity

Code Value Implementation Note:
Use code "69" to indicate an incremental quantity on an order.

Conditional	CTB04	380	**Quantity** Numeric value of quantity.	C	R	1/15
Conditional	CTB05	522	**Amount Qualifier Code** Code to qualify amount	C	ID	1/2

Implementation Note:
Use any applicable code to qualify the amount. Data maintenance has been submitted to ASC X12 to add amount qualifier codes "KO" (Committed Amount), "KP" (Minimum Contract Amount), and "KQ" (Incremental Order Amount. Existing code "MO" (Minimum Order value) already exists. In the interim, use the following codes as indicated: .

CT Contract

Code Value Implementation Note:
Use code "CT" to represent the minimum contract amount.

KC Obligated

Code Value Implementation Note:
Use code "KC" to represent the committed amount.

MO Minimum Order Value

Code Value Implementation Note:
Use code "MO" to represent the minimum order amount

ZZ Mutually Defined

Code Value Implementation Note:
Use code "ZZ" to represent the incremental order amount.

Conditional	CTB06	610	**Amount** Monetary amount.	C	N2	1/9

Segment: ITD Terms of Sale/Deferred Terms of Sale

Level: Header

Loop: ____

Optional   **Usage:** Optional

Max Use: 2

Purpose: To specify terms of sale.

Syntax: *1.* L03040513 — If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 are required.

2. L08040513 — If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 are required.

3. L091011 — If ITD09 is present, then at least one of ITD10 or ITD11 are required.

Semantic: ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comment: If the code in ITD01 is 04, then ITD09 is required and either ITD10 or ITD11 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.

Implementation Note:
If a discount is not applicable to a price sales catalog, the "ITD" segment will be sent with code
"05" in "ITD01".

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
ITD01	336	Terms Type Code Code identifying type of payment terms.	O	ID	2/2

Optional

Implementation Note:
Use the code that applies to the type of discount being offered with the price sales catalog. If more than one discount applies, use a second iteration of the "ITD" segment to describe the second type.

01 Basic
02 End of Month (EOM)
03 Fixed Date
04 Deferred or Installment
05 Discount Not Applicable
06 Mixed
07 Extended
08 Basic Discount Offered
09 Proximo

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period.	O	ID	1/2

Optional

Implementation Note:
Use the code that applies to the terms basis date.

1 Ship Date

			11 Completion And Acceptance Date			
			12 Approval of Sample Date			
			2 Delivery Date			
			3 Invoice Date			
			4 Specified Date			
			5 Invoice Receipt Date			
Optional	ITD03	338	Terms Discount Percent	O	R	1/6
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date.			
Conditional	ITD04	370	Terms Discount Due Date	C	DT	6/6
			Date payment is due if discount is to be earned.			
Conditional	ITD05	351	Terms Discount Days Due	C	NO	1/3
			Number of days in the terms discount period by which payment is due if terms discount is earned.			
Optional	ITD06	446	Terms Net Due Date	O	DT	6/6
			Date when total invoice amount becomes due.			
Optional	ITD07	386	Terms Net Days	O	NO	1/3
			Number of days until total invoice amount is due (discount not applicable).			
Optional	ITD08	362	Terms Discount Amount	O	N2	1/10
			Total amount of terms discount.			
Optional	ITD09	388	Terms Deferred Due Date	O	DT	6/6
			Date deferred payment or percent of invoice payable is due.			
Conditional	ITD10	389	Deferred Amount Due	C	N2	1/10
			Deferred amount due for payment.			
Conditional	ITD11	342	Percent of Invoice Payable	C	R	1/5
			Amount of invoice payable expressed in percent.			
Not Used	ITD12	352	Description	O	AN	1/80
Not Used	ITD13	765	Day of Month	C	NO	1/2
Optional	ITD14	107	Payment Method Code	O	ID	1/1
			Code identifying type of payment procedures.			

C Pay By Check

Code Value Implementation Note:
Use code "C" when the payment will be made by check to an address agreed to by the trading partners.

E Electronic Payment System

Code Value Implementation Note:
Use code "E" when payment will be made using electronic funds transfer in a manner agreed to between the trading partners.

Not Used	ITD15	954	Percent	O	R	1/10

Segment: **LDT** Lead Time

Level: Header

Loop: ___

Optional

Usage: Optional

Max Use: >1

Purpose: To specify lead time for availability of products and services.

Semantic: LDT04 is the effective date of lead time information.

Implementation Note:
Use the "LDT" segment in Table 1 to express delivery lead times that are universal for all items in the price sales catalog.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	LDT01	345	Lead Time Code Code indicating the time range.	M	ID	2/2

Implementation Note:
Use any applicable code.

Mandatory	LDT02	380	Quantity Numeric value of quantity.	M	R	1/15
Mandatory	LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval	M	ID	2/2

Implementation Note:
Use any applicable code.

Not Used	LDT04	373	Date	O	DT	6/6

Segment: FOB F.O.B. Related Instructions

Level: Header

Loop: ____

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax: *1.* C0302 — If FOB03 is present, then FOB02 is required.

2. C0405 — If FOB04 is present, then FOB05 is required.

3. C0706 — If FOB07 is present, then FOB06 is required.

4. C0809 — If FOB08 is present, then FOB09 is required.

Semantic: *1.* FOB01 indicates which party will pay the carrier.

2. FOB02 is the code specifying transportation responsibility location.

3. FOB06 is the code specifying the title passage location.

4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Implementation Note:
Use the "FOB" segment in Table 1 only when the FOB point applies to all items in the price sales catalog.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
FOB01	146	**Shipment Method of Payment** Code identifying payment terms for transportation charges.	M	ID	2/2

Implementation Note:
Use any code to describe the method of payment of shipment charges. Typically, we expect code "BP" when the Department of Defense will have to pay the transportation charges, or code "PP" when the charges are prepaid by the selling party.

FOB02	309	**Location Qualifier** Code identifying type of location.	C	ID	1/2

DE Destination (Shipping)
Code Value Implementation Note:
Use code "DE" when "FOB01" is code "PP".

OR Origin (Shipping Point)
Code Value Implementation Note:
Use code "OR" when "FOB01" is code "BP"

FOB03	352	**Description**	O	AN	1/80
FOB04	334	**Transportation Terms Qualifier Code**	O	ID	2/2
FOB05	335	**Transportation Terms Code**	C	ID	3/3
FOB06	309	**Location Qualifier**	C	ID	1/2

Left margin labels:
Optional
Mandatory
Conditional
Not Used
Not Used
Not Used
Not Used

Not Used	FOB07	352	Description		O	AN	1/80
Not Used	FOB08	54	Risk of Loss Qualifier		O	ID	2/2
Not Used	FOB09	352	Description		C	AN	1/80

Optional

Segment: N1 Name

Level: Header

Loop: N1 **Repeat:** 200

Usage: Optional

Max Use: 1

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

Syntax: *1.* R0203 — At least one of N102 or N103 is required.

2. P0304 — If either N103 or N104 is present, then the other is required.

Comment: 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.

Implementation Note:
Use the "N1" loop in Table 1 only when the name and address apply to all items in the price sales catalog.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	N101	98	Entity Identifier Code	M	ID	2/2

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

BY Buying Party (Purchaser)

Code Value Implementation Note:
Use code "BY" for the Department of Defense buying activity

DS Distributor

Code Value Implementation Note:
Use code "DS" to indicate the distributor of the item(s) contained in the price sales catalog

MF Manufacturer of Goods

Code Value Implementation Note:
Use code "MF" for the manufacturer of the item(s) contained in the price sales catalog

PJ Party to Receive Correspondence

Code Value Implementation Note:
Use code "PJ" to indicate the address of the information point of contact (when "PER01" is code "IC").

SE Selling Party

Code Value Implementation Note:
Use code "SE" to indicate the selling party (i.e., the party originating the price sales catalog).

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Not Used	N102	93	Name	C	AN	1/35
Conditional	N103	66	Identification Code Qualifier	C	ID	1/2

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

Implementation Note:
When "N101" is code "SE", "N103" must be code "33"; when "N101 is code "BY", "N103" must be code "10"; when "N101" is any other code, "N103 can use any applicable code from the code list in this convention.

		1	D-U-N-S Number, Dun & Bradstreet			
		10	Department of Defense Activity Address Code (DODAAC)			
		11	Drug Enforcement Administration (DEA)			
		21	Health Industry I.D. Number (HIN)			
		33	Commercial and Government Entity (CAGE)			
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
Conditional	N104	67	**Identification Code** Code identifying a party or other code.	C	AN	2/17

Segment: N2 Additional Name Information

Level: Header

Loop: N1

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Implementation Note:
*Use the "N2", "N3", and "N4" segments only when the named party cannot be identified using one
of the codes authorized for use in this implementation convention.*

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
N201	93	Name Free-form name.	M	AN	1/35
N202	93	Name Free-form name.	O	AN	1/35

Optional *(margin label for segment)*
Mandatory *(margin label for N201)*
Optional *(margin label for N202)*

Optional

Segment: **N3** Address Information

Level: Header

Loop: N1

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Implementation Note:
Use the "N2", "N3", and "N4" segments only when the named party cannot be identified using one of the codes authorized for use in this implementation convention.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	N301	166	**Address Information** Address information	M	AN	1/35
Optional	N302	166	**Address Information** Address information	O	AN	1/35

Segment: N4 Geographic Location

Level: Header

Loop: N1

Optional

Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax: *1.* R0105 — At least one of N401 or N405 is required.

2. P0506 — If either N405 or N406 is present, then the other is required.

Comments: *1.* A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.

2. N402 is required only if city name (N401) is in the USA or Canada.

Implementation Note:
Use the "N2", "N3", and "N4" segments only when the named party cannot be identified using one of the codes authorized for use in this implementation convention.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	N401	19	City Name Free-form text for city name.	C	AN	2/30
Optional	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2

Implementation Note:
Use any applicable code.

Optional	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O	ID	3/9

Implementation Note:
Use any applicable code.

Optional	N404	26	Country Code Code identifying the country.	O	ID	2/3

Implementation Notes:
1. Use any applicable code.

2. Only ASC X12 codes can be used. Do not use Department of Defense codes from DoD5000.12-M.

Not Used	N405	309	Location Qualifier	C	ID	1/2
Not Used	N406	310	Location Identifier	C	AN	1/25

Segment: REF Reference Numbers

Level: Header

Loop: N1

Optional

Usage: Optional

Max Use: 12

Purpose: To specify identifying numbers.

Syntax: R0203 — At least one of REF02 or REF03 is required.

Implementation Note:
Use the "REF" segment to carry any numbers that refer to the cited named party.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M	ID	2/2

Implementation Note:
Use any applicable code.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30
Not Used	REF03	352	Description	C	AN	1/80

Segment: PER Administrative Communications Contact

<table>
<tr><td></td><td>**Level:**</td><td>Header</td></tr>
<tr><td></td><td>**Loop:**</td><td>N1</td></tr>
<tr><td>Optional</td><td>**Usage:**</td><td>Optional</td></tr>
<tr><td></td><td>**Max Use:**</td><td>3</td></tr>
</table>

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

Syntax:
1. P0304 — If either PER03 or PER04 is present, then the other is required.

2. P0506 — If either PER05 or PER06 is present, then the other is required.

Implementation Note:
This "PER" segment will be used when the point of contact is related to a named party being carried in the "N1" loop of Table 1.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	PER01	366	**Contact Function Code**	M	ID	2/2

Code identifying the major duty or responsibility of the person or group named.

    IC Information Contact

Code Value Implementation Note:
Use code "IC" to qualify an information point of contact at a named party, when that named party is applicable to the cited line item level.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional	PER02	93	**Name**	O	AN	1/35

Free-form name.

Implementation Note:
The actual name of the information point of contact at the location of the party originating the transaction set.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	PER03	365	**Communication Number Qualifier**	C	ID	2/2

Code identifying the type of communication number.

Implementation Note:
While any code from the list in this implementation convention can be used, there must be at least one use of code "TE" to provide the telephone number of the party transmitting the price sales catalog.

    EM Electronic Mail
    FX Facsimile
    IT International Telephone
    TE Telephone
    TM Telemail

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	PER04	364	**Communication Number**	C	AN	1/25

Complete communications number including country or area code when applicable.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	PER05	365	**Communication Number Qualifier**	C	ID	2/2

Code identifying the type of communication number.

Implementation Note:

A second communications number can be provided in one iteration of the "PER" segment. If more than two communications numbers are provided, a second (and third) iteration of the "PER" segment will be used.

EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone
TM	Telemail

Conditional   **PER06**   **364**   **Communication Number**   **C   AN   1/25**

Complete communications number including country or area code when applicable.

Segment: DTM Date/Time Reference

Level: Header

Loop: N1

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax: R0203 — At least one of DTM02 or DTM03 is required.

Implementation Note:
Use this "DTM" segment when the date(s) is (are) related to a named party or reference number which is related to a named party.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	M	ID	3/3

001 Cancel After

Code Value Implementation Note:
Use code "001" to qualify a date beyond which a pricing arrangement will no longer be valid.

007 Effective

Code Value Implementation Note:
Use code "007" to qualify the effective date of the price sales catalog.

015 Promotion Start

Code Value Implementation Note:
Use code "015" to qualify the start date of a promotion.

016 Promotion End

Code Value Implementation Note:
Use code "016" to qualify the stop date of a promotion.

036 Expiration

Code Value Implementation Note:
Use code "036" to qualify the expiration date of the price sales catalog.

092 Contract Effective

Code Value Implementation Note:
Use code "092" to qualify the effective date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

093 Contract Expiration

Code Value Implementation Note:
Use code "093" to qualify the expiration date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
DTM02	373	Date Date (YYMMDD).	C	DT	6/6

Implementation Note:
The actual effective, expiration, start, or stop date of the item qualified.

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
DTM03	337	Time	C	TM	4/6

Left margin labels:

Optional

Mandatory

Conditional

Not Used

| Not Used | DTM04 | 623 | Time Code | O | ID | 2/2 |
| Not Used | DTM05 | 624 | Century | O | N0 | 2/2 |

Optional

Segment:	**LIN** Item Identification
Level:	Detail
Loop:	LIN **Repeat:** 700000
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data.
Syntax:	*1.* C0405 — If LIN04 is present, then LIN05 is required.
	2. C0607 — If LIN06 is present, then LIN07 is required.
	3. C0809 — If LIN08 is present, then LIN09 is required.
	4. C1011 — If LIN10 is present, then LIN11 is required.
	5. C1213 — If LIN12 is present, then LIN13 is required.
	6. C1415 — If LIN14 is present, then LIN15 is required.
	7. C1617 — If LIN16 is present, then LIN17 is required.
	8. C1819 — If LIN18 is present, then LIN19 is required.
	9. C2021 — If LIN20 is present, then LIN21 is required.
	10. C2223 — If LIN22 is present, then LIN23 is required.
	11. C2425 — If LIN24 is present, then LIN25 is required.
	12. C2627 — If LIN26 is present, then LIN27 is required.
	13. C2829 — If LIN28 is present, then LIN29 is required.
	14. C3031 — If LIN30 is present, then LIN31 is required.
Semantic:	LIN01 is the line item identification
Comments:	*1.* See the Data Dictionary for a complete list of ID's.
	2. LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
LIN01	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set.	O	AN	1/11

Optional

Implementation Note:
The price sales catalog line item number of the item being identified. This will be a unique number assigned by the originator of the price sales catalog transaction set. The number will be used to distinguish the item being identified from all other items in the same transaction.

Mandatory

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
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

Implementation Note:
Use any applicable code.

| Mandatory | LIN03 | 234 | Product/Service ID | M | AN | 1/30 |

Identifying number for a product or service.

| Optional | LIN04 | 235 | Product/Service ID Qualifier | O | ID | 2/2 |

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

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN05 | 234 | Product/Service ID | C | AN | 1/30 |

Identifying number for a product or service.

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN06 | 235 | Product/Service ID Qualifier | O | ID | 2/2 |

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

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can bc used with data element "235".

| Conditional | LIN07 | 234 | Product/Service ID | C | AN | 1/30 |

Identifying number for a product or service.

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN08 | 235 | Product/Service ID Qualifier | O | ID | 2/2 |

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

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN09 | 234 | Product/Service ID | C | AN | 1/30 |

Identifying number for a product or service.

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN10 | 235 | Product/Service ID Qualifier | O | ID | 2/2 |

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

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN11 | 234 | Product/Service ID | C | AN | 1/30 |
| | | | Identifying number for a product or service. | | | |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN12 | 235 | Product/Service ID Qualifier | O | ID | 2/2 |
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234). | | | |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN13 | 234 | Product/Service ID | C | AN | 1/30 |
| | | | Identifying number for a product or service. | | | |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN14 | 235 | Product/Service ID Qualifier | O | ID | 2/2 |
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234). | | | |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN15 | 234 | Product/Service ID | C | AN | 1/30 |
| | | | Identifying number for a product or service. | | | |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN16 | 235 | Product/Service ID Qualifier | O | ID | 2/2 |
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234). | | | |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN17 | 234 | Product/Service ID | C | AN | 1/30 |
| | | | Identifying number for a product or service. | | | |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN18 | 235 | **Product/Service ID Qualifier**
 Code identifying the type/source of the descriptive number used in Product/Service ID (234). | O | ID | 2/2 |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN19 | 234 | **Product/Service ID**
 Identifying number for a product or service. | C | AN | 1/30 |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN20 | 235 | **Product/Service ID Qualifier**
 Code identifying the type/source of the descriptive number used in Product/Service ID (234). | O | ID | 2/2 |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN21 | 234 | **Product/Service ID**
 Identifying number for a product or service. | C | AN | 1/30 |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN22 | 235 | **Product/Service ID Qualifier**
 Code identifying the type/source of the descriptive number used in Product/Service ID (234). | O | ID | 2/2 |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN23 | 234 | **Product/Service ID**
 Identifying number for a product or service. | C | AN | 1/30 |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN24 | 235 | **Product/Service ID Qualifier**
 Code identifying the type/source of the descriptive number used in Product/Service ID (234). | O | ID | 2/2 |

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN25 | 234 | **Product/Service ID** | C | AN | 1/30 |

Identifying number for a product or service.

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN26 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

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

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN27 | 234 | **Product/Service ID** | C | AN | 1/30 |

Identifying number for a product or service.

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN28 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

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

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN29 | 234 | **Product/Service ID** | C | AN | 1/30 |

Identifying number for a product or service.

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Optional | LIN30 | 235 | **Product/Service ID Qualifier** | O | ID | 2/2 |

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

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary to identify the instant line item. When working with an identifying pair of data elements, any applicable code can be used with data element "235".

| Conditional | LIN31 | 234 | **Product/Service ID** | C | AN | 1/30 |

Identifying number for a product or service.

Implementation Note:
Data elements "235" and "234" are used in 30 pairs in this transaction set. Use as many pairs as necessary
to identify the instant line item. When working with an identifying pair of data elements, any applicable code
can be used with data element "235".

Segment: DTM Date/Time Reference

Level: Detail

Loop: LIN

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax: R0203 — At least one of DTM02 or DTM03 is required.

Implementation Note:
Use this "DTM" segment only when the date(s) applies(y) to the cited line item in the price sales catalog, and only when the date(s) is (are) not related to a named party. If the date(s) does (do) relate to the entire price sales catalog then it must be carried in the "DTM" segment in Table 1. If the date(s) is (are) related to a line item and a named party(ies), then it (they) must be carried in the "DTM" segment in the "N1" loop of Table 2.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	M	ID	3/3

007 Effective

Code Value Implementation Note:
Use code "007" to qualify the effective date of the price sales catalog.

015 Promotion Start

Code Value Implementation Note:
Use code "015" to qualify the start date of a promotion.

016 Promotion End

Code Value Implementation Note:
Use code "016" to qualify the stop date of a promotion.

036 Expiration

Code Value Implementation Note:
Use code "036" to qualify the expiration date of the price sales catalog.

092 Contract Effective

Code Value Implementation Note:
Use code "092" to qualify the effective date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

093 Contract Expiration

Code Value Implementation Note:
Use code "093" to qualify the expiration date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

DTM02	373	Date Date (YYMMDD).	C	DT	6/6

Implementation Note:
The actual effective, expiration, start, or stop date of the item qualified.

DTM03	337	Time	C	TM	4/6

The left margin labels are: Optional, Mandatory, Conditional, Not Used.

| Not Used | | DTM04 | 623 | Time Code | | O | ID | 2/2 |
| Not Used | | DTM05 | 624 | Century | | O | N0 | 2/2 |

Segment: **REF** Reference Numbers

Level: Detail

Loop: LIN

Optional

Usage: Optional

Max Use: 12

Purpose: To specify identifying numbers.

Syntax: R0203 — At least one of REF02 or REF03 is required.

Implementation Note:
Use this "REF" segment to carry a number referencing the cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M	ID	2/2

Implementation Note:
Use the code that applies to the terms basis date.

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30
REF03	352	Description	C	AN	1/80

Mandatory

Conditional

Not Used

Segment: PER Administrative Communications Contact

Level:	Detail
Loop:	LIN
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax:	*1.* P0304 — If either PER03 or PER04 is present, then the other is required.
	2. P0506 — If either PER05 or PER06 is present, then the other is required.

Optional (margin)

Implementation Note:
This "PER" segment will only be used when the point of contact was not carried in Table 1, is related to the cited line item, and is not related to an address carried in the "N1" loop of Table 2. If the information point of contact IS related to an address, then the "PER" segment within the "N1" loop of Table 2 must be used.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	PER01	366	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named.	M	ID	2/2

IC Information Contact

Code Value Implementation Note:
Use code "IC" to qualify an information point of contact at the cited line item level.

Optional	PER02	93	**Name** Free-form name.	O	AN	1/35

Implementation Note:
The actual name of the information point of contact at the cited line item level.

Conditional	PER03	365	**Communication Number Qualifier** Code identifying the type of communication number.	C	ID	2/2

Implementation Note:
While any code from the list in this implementation convention can be used, there must be at least one use of code "TE" to provide the telephone number of the party transmitting the price sales catalog.

EM Electronic Mail
FX Facsimile
IT International Telephone
TE Telephone
TM Telemail

Conditional	PER04	364	**Communication Number** Complete communications number including country or area code when applicable.	C	AN	1/25
Conditional	PER05	365	**Communication Number Qualifier**	C	ID	2/2

Code identifying the type of communication number.

Implementation Note:

A second communications number can be provided in one iteration of the "PER" segment. If more than two communications numbers are provided, a second (and third) iteration of the "PER" segment will be used.

EM Electronic Mail

FX Facsimile

IT International Telephone

TE Telephone

TM Telemail

Conditional **PER06** **364** **Communication Number**   **C   AN   1/25**
Complete communications number including country or area code when applicable.

Segment: CTB Restrictions/ Conditions

Level: Detail

Loop: LIN

Optional

Usage: Optional

Max Use: 25

Purpose: To specify restrictions/conditions (such as shipping, ordering)

Syntax: *1.* R020406 — At least one of CTB02, CTB04 or CTB06 is required.

2. P0304 — If either CTB03 or CTB04 is present, then the other is required.

3. P0506 — If either CTB05 or CTB06 is present, then the other is required.

Implementation Note:
Use this "CTB" segment when the quantity and or amount applies to a cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
CTB01	688	Restrictions/Conditions Qualifier Code identifying the type of restriction/condition.	M	ID	2/2

Mandatory

    NR Nonreturnable

Code Value Implementation Note:
Use code "NR" when relating non returnable quantities and/or monetary amounts;

    OR Ordering

Code Value Implementation Note:
Use code "OR" when relating minimum order quantities and/or monetary amounts;

    SR Shipping

Code Value Implementation Note:
Use code "SR" when relating minimum shipment quantities and/or monetary amounts.

Conditional

CTB02	352	Description A free-form description to clarify the related data elements and their content.	C	AN	1/80

Implementation Note:
Use for a free-form text description of a restriction or condition applying to either a quantity or a dollar amount of a product contained in a price sales catalog.

Conditional

CTB03	673	Quantity Qualifier Code specifying the type of quantity.	C	ID	2/2

    27 Committed Quantity

Code Value Implementation Note:
Use code "27" to indicate a minimum quantity that a buying party must commit to purchase

    56 Minimum Contract Quantity

Code Value Implementation Note:
Use code "56" to indicate a minimum contract quantity;

    57 Minimum Order Quantity

Code Value Implementation Note:
Use code "57" to indicate a minimum order quantity;

69 Incremental Order Quantity

Code Value Implementation Note:
Use code "69" to indicate an incremental quantity on an order.

Conditional	CTB04	380	Quantity Numeric value of quantity.	C	R	1/15
Conditional	CTB05	522	Amount Qualifier Code Code to qualify amount	C	ID	1/2

Implementation Note:
Use any applicable code to qualify the amount. Data maintenance has been submitted to ASC X12 to add amount qualifier codes "KO" (Committed Amount), "KP" (Minimum Contract Amount), and "KQ" (Incremental Order Amount. Existing code "MO" (Minimum Order value) already exists. In the interim, use the following codes as indicated:

CT Contract

Code Value Implementation Note:
Use code "CT" to represent the minimum contract amount.

KC Obligated

Code Value Implementation Note:
Use code "KC" to represent the committed amount.

MO Minimum Order Value

Code Value Implementation Note:
Use code "MO" to represent the minimum order amount

ZZ Mutually Defined

Code Value Implementation Note:
Use code "ZZ" to represent the incremental order amount.

Conditional	CTB06	610	Amount Monetary amount.	C	N2	1/9

Segment: PID Product/Item Description

Level: Detail

Loop: LIN

Optional   **Usage:** Optional

Max Use: 200

Purpose: To describe a product or process in coded or free-form format

Syntax: *1.* C0403 — If PID04 is present, then PID03 is required.

2. R0405 — At least one of PID04 or PID05 is required.

3. C0703 — If PID07 is present, then PID03 is required.

4. C0803 — If PID08 is present, then PID03 is required.

Semantic: *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. A "N" indicates it does not apply. Any other value is indeterminate.

Comments: *1.* If PID01 = "F", then PID05 is used. If PID01 = "S", then PID04 is used. If PID01 = "X", then both PID04 and PID05 are used.

2. Use 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 Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
PID01	349	Item Description Type Code indicating the format of a description.	M	ID	1/1

Implementation Note:
Use any applicable code.

   F Free-form

Code Value Implementation Note:
Use code "F" only when a free-form text description will be carried in "PID05".

   S Structured (From Industry Code List)

Code Value Implementation Note:
Use code "S" only when a code from an industry code list will be qualified and carried in "PID03/04.

   X Semi-structured (Code and Text)

Code Value Implementation Note:
Use code "X" when a code and a free-form text description will be carried in the segment.

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O	ID	2/3

Implementation Note:
Use any applicable code.

| Conditional | P!D03 | 559 | **Agency Qualifier Code** | C | ID | 2/2 |

Code identifying the agency assigning the code values.

Implementation Note:
Use any applicable agency qualifier code (e.g., the code for the agency when that agency will be using an agency code in "PID04".

| Conditional | PID04 | 751 | **Product Description Code** | C | AN | 1/12 |

A code from an industry code list which provides specific data about a product characteristic.

Implementation Note:
An actual code from an agency code list when the agency is specified in "PID03".

| Conditional | PID05 | 352 | **Description** | C | AN | 1/80 |

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

Implementation Note:
A free-form text description of the cited item.

Not Used	PID06	752	**Surface/Layer/Position Code**	O	ID	2/2
Not Used	PID07	822	**Source Subqualifier**	O	AN	1/15
Not Used	PID08	1073	**Yes/No Condition or Response Code**	O	ID	1/1

Optional

Segment: **MEA** Measurements

Level: Detail

Loop: LIN

Usage: Optional

Max Use: 40

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights

(See Figures Appendix for example of use of C001.)

Syntax: *1.* R03050608 — At least one of MEA03, MEA05, MEA06 or MEA08 is required.

2. C0304 — If MEA03 is present, then MEA04 is required.

3. C0504 — If MEA05 is present, then MEA04 is required.

4. C0604 — If MEA06 is present, then MEA04 is required.

5. L07030506 — If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 are required.

6. E0803 — Only one of MEA08 or MEA03 may be present.

Semantic: MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comment: When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Implementation Note:
Use the "MEA" segment to carry a measurement applicable to the cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional MEA01	737	**Measurement Reference ID Code** Code identifying the broad category to which a measurement applies	O	ID	2/2

Implementation Note:
Use any applicable code.

Optional MEA02	738	**Measurement Qualifier** Code identifying a specific product or process characteristic to which a measurement applies	O	ID	1/3

Implementation Note:
Use any applicable code.

Conditional MEA03	739	**Measurement Value** The value of the measurement.	C	R	1/10
Conditional MEA04	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	C	ID	2/2

Implementation Notes:
1. Use any applicable code.

2. This data element is used in lien of the first composite data element (MEA04-1).

Not Used	MEA05	740	Range Minimum	C	R	1/10
Not Used	MEA06	741	Range Maximum	C	R	1/10
Not Used	MEA07	935	Measurement Significance Code	O	ID	2/2
Not Used	MEA08	936	Measurement Attribute Code	C	ID	2/2
Not Used	MEA09	752	Surface/Layer/Position Code	O	ID	2/2
Not Used	MEA10	1373	Measurement Method or Device	C	ID	2/4

Segment: PO4 Item Physical Details

Level: Detail

Loop: LIN

Usage: Optional

Max Use: 1

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

Syntax:
1. C0203 — If PO402 is present, then PO403 is required.

2. C0506 — If PO405 is present, then PO406 is required.

3. C0607 — If PO406 is present, then PO407 is required.

4. P0809 — If either PO408 or PO409 is present, then the other is required.

5. C1013 — If PO410 is present, then PO413 is required.

6. C1113 — If PO411 is present, then PO413 is required.

7. C1213 — If PO412 is present, then PO413 is required.

8. L13101112 — If PO413 is present, then at least one of PO410, PO411 or PO412 are required.

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

2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional	PO401	356	Pack Number of inner pack units per outer pack unit.	O	N0	1/6
Optional	PO402	357	Size Size of supplier units in pack.	O	R	1/8
Conditional	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	C	ID	2/2

Implementation Note:
Use any applicable code.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional	PO404	103	Packaging Code Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.	O	AN	5/5
Optional	PO405	187	Weight Qualifier Code defining the type of weight.	O	ID	1/2

Implementation Note:
Use any applicable code.

Conditional	PO406	384	**Gross Weight per Pack** Numeric value of gross weight per pack.	C	R	1/9
Conditional	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	C	ID	2/2

Implementation Note:
Use any applicable code.

Conditional	PO408	385	**Gross Volume per Pack** Numeric value of gross volume per pack.	C	R	1/9
Conditional	PO409	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	C	ID	2/2

Implementation Note:
Use any applicable code.

Optional	PO410	82	**Length** Largest horizontal dimension of an object measured when the object is in the upright position.	O	R	1/8
Optional	PO411	189	**Width** Shorter measurement of the two horizontal dimensions measured with the object in the upright position.	O	R	1/8
Optional	PO412	65	**Height** Vertical dimension of an object measured when the object is in the upright position.	O	R	1/8
Conditional	PO413	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	C	ID	2/2

Implementation Note:
Use any applicable code.

DEPARTMENT OF DEFENSE
DRAFT IMPLEMENTATION CONVENTION

832 · PRICE SALES CATALOG
TD4 · CARRIER DETAILS (SPECIAL HANDLING OR HAZARDOUS MATERIALS OR BOTH)   ANSI ASC X12 VERSION/RELEASE 003030DOD_

Optional

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

Level: Detail

Loop: LIN

Usage: Optional

Max Use: 1

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

Syntax: *1.* R010204 — At least one of TD401, TD402 or TD404 is required.

2. C0203 — If TD402 is present, then TD403 is required.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
TD401	152	**Special Handling Code** Code specifying special transportation handling instructions.	C	ID	2/3
		HAN Handling			

Conditional

Code Value Implementation Note:
Use only code "HAN" and use only for "HAZMAT" reporting purposes.

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
TD402	208	**Hazardous Material Code Qualifier** Code which qualifies the Hazardous Material Class Code (209).	C	ID	1/1

Conditional

Implementation Note:
Use any applicable code.

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
TD403	209	**Hazardous Material Class Code** Code specifying the kind of hazard for a material.	C	AN	2/4

Conditional

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
TD404	352	**Description** A free-form description to clarify the related data elements and their content.	C	AN	1/80

Conditional

Implementation Note:
A free-form text description of the cited item.

Optional

Segment: ITD Terms of Sale/Deferred Terms of Sale

Level: Detail

Loop: LIN

Usage: Optional

Max Use: 2

Purpose: To specify terms of sale.

Syntax: *1.* L03040513 — If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 are required.

2. L08040513 — If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 are required.

3. L091011 — If ITD09 is present, then at least one of ITD10 or ITD11 are required.

Semantic: ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comment: If the code in ITD01 is 04, then ITD09 is required and either ITD10 or ITD11 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.

Implementation Note:
If a discount is not applicable to a cited line item in a price sales catalog, the "ITD" segment will be sent with code "05" in "ITD01". However, if the "ITD" segment in Table 1 was used with code "05", this "ITD" segment will not be used.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional					
ITD01	336	**Terms Type Code** Code identifying type of payment terms.	O	ID	2/2

Implementation Note:
Use the code that applies to the type of discount being offered for the cited line item in the price sales catalog. If more than one discount applies, use a second iteration of the "ITD" segment to describe the second type.

01 Basic
02 End of Month (EOM)
03 Fixed Date
04 Deferred or Installment
05 Discount Not Applicable
06 Mixed
07 Extended
08 Basic Discount Offered
09 Proximo

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional					
ITD02	333	**Terms Basis Date Code** Code identifying the beginning of the terms period.	O	ID	1/2

Implementation Note:
Use the code that applies to the terms basis date.

1 Ship Date

		11	Completion And Acceptance Date			
		12	Approval of Sample Date			
		2	Delivery Date			
		3	Invoice Date			
		4	Specified Date			
		5	Invoice Receipt Date			

Optional	ITD03	338	**Terms Discount Percent** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date.	O	R	1/6
Conditional	ITD04	370	**Terms Discount Due Date** Date payment is due if discount is to be earned.	C	DT	6/6
Conditional	ITD05	351	**Terms Discount Days Due** Number of days in the terms discount period by which payment is due if terms discount is earned.	C	NO	1/3
Optional	ITD06	446	**Terms Net Due Date** Date when total invoice amount becomes due.	O	DT	6/6
Optional	ITD07	386	**Terms Net Days** Number of days until total invoice amount is due (discount not applicable).	O	NO	1/3
Optional	ITD08	362	**Terms Discount Amount** Total amount of terms discount.	O	N2	1/10
Optional	ITD09	388	**Terms Deferred Due Date** Date deferred payment or percent of invoice payable is due.	O	DT	6/6
Conditional	ITD10	389	**Deferred Amount Due** Deferred amount due for payment.	C	N2	1/10
Conditional	ITD11	342	**Percent of Invoice Payable** Amount of invoice payable expressed in percent.	C	R	1/5
Not Used	ITD12	352	**Description**	O	AN	1/80
Not Used	ITD13	765	**Day of Month**	C	NO	1/2
Not Used	ITD14	107	**Payment Method Code**	O	ID	1/1
Not Used	ITD15	954	**Percent**	O	R	1/10

Segment: LDT Lead Time

Level: Detail

Loop: LIN

Usage: Optional

Max Use: 1

Purpose: To specify lead time for availability of products and services.

Semantic: LDT04 is the effective date of lead time information.

Implementation Note:
Use the "LDT" segment in Table 2 to express a delivery lead time for the cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
LDT01	345	Lead Time Code Code indicating the time range.	M	ID	2/2

Implementation Notes:
1. Use any applicable code.

2. Typically, a lead time will be expressed as a number of calendar days after receipt of contract or order.

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
LDT02	380	Quantity Numeric value of quantity.	M	R	1/15
LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval	M	ID	2/2

Implementation Note:
Use any applicable code.

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
LDT04	373	Date	O	DT	6/6

Optional

Mandatory

Mandatory

Mandatory

Not Used

Optional

Segment: **FOB** F.O.B. Related Instructions

Level: Detail

Loop: LIN

Usage: Optional

Max Use: 1

Purpose: To specify transportation instructions relating to shipment

Syntax: *1.* C0302 — If FOB03 is present, then FOB02 is required.

2. C0405 — If FOB04 is present, then FOB05 is required.

3. C0706 — If FOB07 is present, then FOB06 is required.

4. C0809 — If FOB08 is present, then FOB09 is required.

Semantic: *1.* FOB01 indicates which party will pay the carrier.

2. FOB02 is the code specifying transportation responsibility location.

3. FOB06 is the code specifying the title passage location.

4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Implementation Note:
Use the "FOB" segment in Table 2 when the FOB point applies to only the cited line item.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory	FOB01	146	**Shipment Method of Payment** Code identifying payment terms for transportation charges.	M	ID	2/2

Implementation Note:
Use any code to describe the method of payment of shipment charges. Typically, we expect code "BP" when the Department of Defense will have to pay the transportation charges, or code "PP" when the charges are prepaid by the selling party.

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	FOB02	309	**Location Qualifier** Code identifying type of location.	C	ID	1/2

DE Destination (Shipping)

Code Value Implementation Note:
Use code "DE" when "FOB01" is code "PP".

OR Origin (Shipping Point)

Code Value Implementation Note:
Use code "OR" when "FOB01" is code "BP"

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Not Used	FOB03	352	**Description**	O	AN	1/80
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID	2/2
Not Used	FOB05	335	**Transportation Terms Code**	C	ID	3/3
Not Used	FOB06	309	**Location Qualifier**	C	ID	1/2
Not Used	FOB07	352	**Description**	O	AN	1/80

| Not Used | | FOB08 | 54 | Risk of Loss Qualifier | | O | ID | 2/2 |
| Not Used | | FOB09 | 352 | Description | | C | AN | 1/80 |

Optional

Segment: CTP Pricing Information

Level: Detail

Loop: LIN/CTP **Repeat:** 100

Usage: Optional

Max Use: 1

Purpose: To specify pricing information

Syntax: *1.* C0405 — If CTP04 is present, then CTP05 is required.

2. C0607 — If CTP06 is present, then CTP07 is required.

Semantic: *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.

2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Optional	CTP01	687	**Class of Trade Code** Code indicating class of trade.	O	ID	2/2

Implementation Note:
Use any applicable code.

Optional	CTP02	236	**Price Identifier Code** Code identifying pricing specification.	O	ID	3/3

Implementation Note:
Use any applicable code.

Optional	CTP03	212	**Unit Price** Price per unit of product, service, commodity, etc.	O	R	1/14
Optional	CTP04	380	**Quantity** Numeric value of quantity.	O	R	1/15
Conditional	CTP05	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	C	ID	2/2

Implementation Note:
Use any applicable code.

Optional	CTP06	648	**Price Multiplier Qualifier** Code indicating the type of price multiplier.	O	ID	3/3

Implementation Note:
Use any applicable code.

Conditional	CTP07	649	**Multiplier**	C	R	1/10

Value to be used as a multiplier to obtain a new value

Optional	CTP08	782	**Monetary Amount** Monetary amount.	O	R	1/15

Segment: **DTM** Date/Time Reference

Level: Detail

Loop: LIN/CTP

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax: R0203 — At least one of DTM02 or DTM03 is required.

Implementation Note:
Use this "DTM" segment when the date(s) is (are) related to pricing information under a cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	M	ID	3/3

001 Cancel After

Code Value Implementation Note:
Use code "001" to qualify a date beyond which a pricing arrangement will no longer be valid.

007 Effective

Code Value Implementation Note:
Use code "007" to qualify the effective date of the price sales catalog.

015 Promotion Start

Code Value Implementation Note:
Use code "015" to qualify the start date of a promotion.

016 Promotion End

Code Value Implementation Note:
Use code "016" to qualify the stop date of a promotion.

036 Expiration

Code Value Implementation Note:
Use code "036" to qualify the expiration date of the price sales catalog.

092 Contract Effective

Code Value Implementation Note:
Use code "092" to qualify the effective date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

093 Contract Expiration

Code Value Implementation Note:
Use code "093" to qualify the expiration date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
DTM02	373	Date Date (YYMMDD).	C	DT	6/6
DTM03	337	Time	C	TM	4/6
DTM04	623	Time Code	O	ID	2/2
DTM05	624	Century	O	NO	2/2

The leftmost column labels:
- Optional
- Mandatory (DTM01)
- Conditional (DTM02)
- Not Used (DTM03)
- Not Used (DTM04)
- Not Used (DTM05)

Optional

Segment: **N1** Name

Level: Detail

Loop: LIN/N1 Repeat: 200

Usage: Optional

Max Use: 1

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

Syntax: *1.* R0203 — At least one of N102 or N103 is required.

2. P0304 — If either N103 or N104 is present, then the other is required.

Comment: 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.

Implementation Note:
Use the "N1" loop in Table 2 only when the name and address apply to the cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory					
N101	98	**Entity Identifier Code**	M	ID	2/2

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

BY Buying Party (Purchaser)

Code Value Implementation Note:
Use code "BY" for the Department of Defense buying activity only when the buying activity is applicable to the cited line item.

DS Distributor

Code Value Implementation Note:
Use code "DS" to indicate the distributor of the cited line item.

MF Manufacturer of Goods

Code Value Implementation Note:
Use code "MF" for the manufacturer of the cited line item.

PJ Party to Receive Correspondence

Code Value Implementation Note:
Use code "PJ" to indicate the address of the information point of contact (when "PER01" is code "IC").

SE Selling Party

Code Value Implementation Note:
Use code "SE" to indicate the selling party if unique to the cited line item, and different from the selling party cited in the "N1" loop of Table 1.

Not Used	N102	93	**Name**	C AN	1/35
Conditional	N103	66	**Identification Code Qualifier**	C ID	1/2

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

Implementation Notes:
1. When "N101" is code "SE", "N103" must be code "33".

2. When "N101 is code "BY", "N103" must be code "10".

3. When "N101 is any other code, "N103 can use any applicable code from the code list in this convention.

    1 D-U-N-S Number, Dun & Bradstreet

   10 Department of Defense Activity Address Code (DODAAC)

   11 Drug Enforcement Administration (DEA)

   21 Health Industry I.D. Number (HIN)

   33 Commercial and Government Entity (CAGE)

    9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Conditional	**N104**	**67**	**Identification Code**	**C**	**AN**	**2/17**
			Code identifying a party or other code.			

Segment: N2 **Additional Name Information**

Level: Detail

Loop: LIN/N1

Optional

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Implementation Note:
Use the "N2", "N3", and "N4" segments only when the named party cannot be identified using one of the codes authorized for use in this implementation convention.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
Mandatory	N201	93	Name Free-form name.	M	AN	1/35
Optional	N202	93	Name Free-form name.	O	AN	1/35

Segment: N3 Address Information

Level: Detail

Loop: LIN/N1

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Implementation Note:
Use the "N2", "N3", and "N4" segments only when the named party cannot be identified using one
of the codes authorized for use in this implementation convention.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
N301	166	**Address Information** Address information	M	AN	1/35
N302	166	**Address Information** Address information	O	AN	1/35

Optional (left margin)

Mandatory (left margin, N301)

Optional (left margin, N302)

Segment: **N4** Geographic Location

Level: Detail

Loop: LIN/N1

Optional **Usage:** Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax: *1.* R0105 — At least one of N401 or N405 is required.

2. P0506 — If either N405 or N406 is present, then the other is required.

Comments: *1.* A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.

2. N402 is required only if city name (N401) is in the USA or Canada.

Implementation Note:
Use the "N2", "N3", and "N4" segments only when the named party cannot be identified using one of the codes authorized for use in this implementation convention.

Data Element Summary

	REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Conditional	N401	19	**City Name** Free-form text for city name.	C	AN	2/30
Optional	N402	156	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency.	O	ID	2/2
Optional	N403	116	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States).	O	ID	3/9
Optional	N404	26	**Country Code** Code identifying the country.	O	ID	2/3
Not Used	N405	309	**Location Qualifier**	C	ID	1/2
Not Used	N406	310	**Location Identifier**	C	AN	1/25

Optional

Segment: REF Reference Numbers

Level: Detail

Loop: LIN/N1

Usage: Optional

Max Use: 12

Purpose: To specify identifying numbers.

Syntax: R0203 — At least one of REF02 or REF03 is required.

Implementation Note:
Use this "REF" segment for a reference number that is applicable to a named party when that named party is applicable to a cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
Mandatory					
REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M	ID	2/2

Implementation Note:
Use any applicable code.

Conditional					
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30
Not Used					
REF03	352	Description	C	AN	1/80

Segment: PER Administrative Communications Contact

Level:	Detail
Loop:	LIN/N1
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax:	*1.* P0304 — If either PER03 or PER04 is present, then the other is required.
	2. P0506 — If either PER05 or PER06 is present, then the other is required.

Optional (left margin)

Implementation Note:
This "PER" segment will be used when the point of contact is related to a named party being carried in the "N1" loop of Table 2.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
PER01	366	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named.	M	ID	2/2
PER02	93	**Name** Free-form name.	O	AN	1/35

Mandatory / *Optional* (left margin labels)

Implementation Note:
The actual name of the information point of contact at a named party, when that named party is applicable to the cited line item level.

PER03	365	**Communication Number Qualifier** Code identifying the type of communication number.	C	ID	2/2

Conditional (left margin)

Implementation Note:
While any code from the list in this implementation convention can be used, there must be at least one use of code "TE" to provide the telephone number of the party transmitting the price sales catalog.

    EM Electronic Mail
    FX Facsimile
    IT International Telephone
    TE Telephone
    TM Telemail

PER04	364	**Communication Number** Complete communications number including country or area code when applicable.	C	AN	1/25
PER05	365	**Communication Number Qualifier** Code identifying the type of communication number.	C	ID	2/2

Conditional / *Conditional* (left margin)

Implementation Note:
A second communications number can be provided in one iteration of the "PER" segment. If more than two communications numbers are provided, a second (and third) iteration of the "PER" segment will be used.

    EM Electronic Mail

FX Facsimile

IT International Telephone

TE Telephone

TM Telemail

Conditional   **PER06**   **364**   **Communication Number**   **C**   **AN**   **1/25**

Complete communications number including country or area code when applicable.

Segment: **DTM** Date/Time Reference

Level: Detail

Loop: LIN/N1

Optional

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax: R0203 — At least one of DTM02 or DTM03 is required.

Implementation Note:
Use this "DTM" segment when the date(s) is (are) related to a named party and that named party is related to the cited line item.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time.	M	ID	3/3

Mandatory

    001 Cancel After

Code Value Implementation Note:
Use code "001" to qualify a date beyond which a pricing arrangement will no longer be valid.

    007 Effective

Code Value Implementation Note:
Use code "007" to qualify the effective date of the price sales catalog.

    015 Promotion Start

Code Value Implementation Note:
Use code "015" to qualify the start date of a promotion.

    016 Promotion End

Code Value Implementation Note:
Use code "016" to qualify the stop date of a promotion.

    036 Expiration

Code Value Implementation Note:
Use code "036" to qualify the expiration date of the price sales catalog.

    092 Contract Effective

Code Value Implementation Note:
Use code "092" to qualify the effective date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

    093 Contract Expiration

Code Value Implementation Note:
Use code "093" to qualify the expiration date of a contract or Federal Supply Schedule (e.g., when REF01 is code "CT" or code "W6").

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
DTM02	373	Date Date (YYMMDD).	C	DT	6/6
DTM03	337	Time	C	TM	4/6
DTM04	623	Time Code	O	ID	2/2
DTM05	624	Century	O	NO	2/2

Conditional

Not Used

Not Used

Not Used

Mandatory

Segment: CTT Transaction Totals

Level: Summary

Loop: ____

Usage: Mandatory

Max Use: 1

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

Syntax: *1.* C0304 — If CTT03 is present, then CTT04 is required.

2. C0506 — If CTT05 is present, then CTT06 is required.

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

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
CTT01	354	Number of Line Items Total number of line items in the transaction set.	M	NO	1/6

Mandatory

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

CTT02	347	Hash Total	O	R	1/10
CTT03	81	Weight	O	R	1/10
CTT04	355	Unit or Basis for Measurement Code	C	ID	2/2
CTT05	183	Volume	O	R	1/8
CTT06	355	Unit or Basis for Measurement Code	C	ID	2/2
CTT07	352	Description	O	AN	1/80

Not Used (CTT02)
Not Used (CTT03)
Not Used (CTT04)
Not Used (CTT05)
Not Used (CTT06)
Not Used (CTT07)

Mandatory

Segment: **SE** Transaction Set Trailer

Level: Summary

Loop: ____

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).

Comment: SE is the last segment of each transaction set.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
SE01	96	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments.	M	NO	1/10

Mandatory

Implementation Note:
"SE01" carries the total number of segments included in the transaction set being transmitted. This number includes the "ST" (header) and "SE" (trailer) segments.

Mandatory

REF. DES.	DATA ELEMENT	NAME		ATTRIBUTES	
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	M	AN	4/9

Implementation Note:
This is the same number as the one carried in "ST02".

4.0 ASC X 12 FORMS

In this chapter, applicable ASC X12 forms are presented.
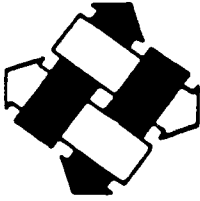
VIII - FORMS, FORMS, FORMS

ASC X12 Work Request Form

ASC X12 New Project Proposal Form

ASC X12 New Transaction Set Development Form

Form for New or Revised Appendix A Code Source Reference

Document Preparation for Interpretations, Guidelines and Control Standards

Sample Transmittal Form

ASC X12 Ballot Comment Response Letter Format

ASC X12 Standards Order Form

Rev. 5/10/90
DATE SUBMITTED _____

DM NUMBER _____
(Secretariat Only)

ASC X12

WORK REQUEST FORM

ALL REQUESTS MUST BE TYPED or printed legibly in black ink. Complete both sides.

1. TO USE THIS FORM FOR SUPPORTING DATA MAINTENANCE FOR A NEW DRAFT STANDARD OR X12 INTERPRETATION, list all requirement on ONE form. Use attachments as necessary. List first all new segments, then all new data elements/codes/code sources. Then list revisions to existing segments and data elements/codes/code sources. Then list any others (e.g., X12.5, X12.6).

2. TO USE THIS FORM TO REQUEST A CHANGE TO AN EXISTING STANDARD, use a separate Work Request Form to list all changes for one transaction set, one segment, one control structure, or one data element. All sections must be completed. Attachments may be used for continuation and should be numbered.

3. TO USE THIS FORM TO REQUEST A PROPOSED NEW X12 PROJECT, complete Section A. Provide a purpose/scope and describe any new features involved in Section B. Provide a description of the business need and justification for the new project in Section C/Part II. The Work Request will be forwarded to an appropriate X12 subcommittee for analysis and preparation of a project proposal.

Circle One: (1) New Standard Supporting Data Maintenance (use attachments)
                 (2) Existing Standard Maintenance Request (see Section D)
                 (3) Request for New X12 Project

Acronyms/abbreviations cannot be added to the standards. Industry-specific terms must be clearly explained. Provide Appendix A code source references for all externally published code lists cited. Incomplete forms or those with inadequate support for the change requested will be returned to the submitter.

A. SUBMITTER INFORMATION

Submitter: Name   _____

              Company   _____

              Address   _____

              Address/ZIP _____

              Phone   _____

Indicate the X12 subcommittee or task group whose position is represented here.
I declare that this represents the official position of X12 WORK GROUP: _____
established at the meeting dated _____.

B. PROPOSED WORK: List the specific changes to the standards being requested. Give the names and associated identifiers of the standards, segments, data elements and codes affected.

Page Two

C. REASON FOR CHANGE:

Part I: List the version/release of the standard you are using or using as a reference. Name the transaction set that is being/will be used that dictates the requested changed. List affected segments and data elements, or other standards. Provide only reference numbers/IDs.

Reference Source   Version 2/Release ____
Transaction Set Used   _____
Segment Affected   _____
Data Element Affected   _____
Other Standard _____

Part II: Explain why you need the proposed change. Provide a complete scenario that tells what the business function, operation, or problem is that will be satisfied by a change to the standard. The X12J Technical Assessment Subcommittee requires enough information in this Part II to be able to propose an alternate solution if necessary.

D. RAMIFICATIONS: If you circled (2) on Page 1, complete this section. To ensure that all ramifications of your proposed change are recorded and that your request is complete, circle below all sections of the standards affected by the proposed change.

TRANSACTION SET	Name	Purpose/Scope	Table Note/Comment
	Segment Position	Require. Des.	Max. Use
	Loop Repeat	Loop Structure	Add Segment
	Delete Segment		
SEGMENT	Identifier	Name	Definition
	Add DE	Delete DE Position in Segment	
	Require. Des.	Syntax Note	Semantic Note
	Comment		
DATA ELEMENT	Name	Description	Type
	Min/Max		
CODE	Add code	Delete Code	Revise Code

OTHER (e.g., X12.5, X12.6):

ERRORS NOTED IN THE STANDARD (Give page no. and other identification):

PP No. _____
(Secretariat Only)

ASC X12

NEW PROJECT PROPOSAL FORM

PROCEDURE: Only X12 subcommittees may use this form to register new development activities as X12 project proposals (PPs). Complete all pages. PPs approved by the X12 Procedures Review Board will be registered and assigned a PP number by DISA, and a Transmittal Form will be issued.

Date and complete the form below. Type or print legibly in black ink and number all attachment pages consecutively. Submit to DISA prior to an ASC X12 meeting, or to X12J Technical Assessment Subcommittee during the subcommittee's agenda period at an ASC X12 meeting.

_____

Date Submitted:
Date Approved by Subcommittee:

Subcommittee Name:
Task Group Name/No.:

Joint Development Subcommittee (if any):

Circle one: (a) Transaction Set (b) Guideline (c) Other

Project Working Title:

Official Delegate(s) for This Project To Be Named on Transmittal Form:

Name _____   Name _____

Company _____   Company _____

Address _____   Address _____

Address/ZIP _____   Address/ZIP _____

Telephone _____   Telephone _____

A. PURPOSE AND SCOPE FOR THE PROPOSED WORK: Provide a well-defined purpose/scope for the proposed work. See X12 Design Rules and Guidelines for requirements.

B. BACKGROUND: Provide details that will be helpful in reviewing the proposal. Who are the expected users? How will the standard be used? What business function(s) does it serve?. If the proposed standard overlaps the functionality of an existing standard or one in development, provide justification. If the proposal is not for a new standard or guideline, describe the project in detail. (Use attachments if necessary.)

C. OTHER STANDARDS INVOLVED: If applicable, identify any other business information standards that are similar/related to the proposal, and name standards developers (e.g., ANSI Accredited Standards Committees) whose activities may be involved or affected.

D. EXPECTED CONTENT/GENERAL DESCRIPTION: (OPTIONAL) Submitter may attach a preliminary draft of the proposed standard or other supporting documentation. Discuss new segments, data elements, control structures, and changes to X12.5 or X12.6 that are required or anticipated. (Use attachments.)

4/1/90

FORM FOR NEW OR REVISED

APPENDIX A CODE SOURCE REFERENCE

INSTRUCTIONS: Complete this form whenever a new data element or data element code is requested to be added which references a code list published by an external (non-X12) organization. Use one form for each new reference. This form may be used to revise current references; fill out the appropriate areas below.

CIRCLE ONE, COMPLETE AS APPROPRIATE:

    (1) NEW REFERENCE
    (2) REVISED REFERENCE, Current reference number/name _____ . _____

REFERENCE TITLE: If there is only one source for codes for the data element, the title should be the same as the data element name. If there are multiple codes referencing external code sources for the same data element, title should approximate the code definition.

REFERENCE TITLE:

DATA ELEMENTS USED IN: Give the data element reference number and name which directs the user to this Appendix A code source reference. Give the code ID (if assigned) if this is for a specific code of the data element.

USED IN: DE No. _____ , Code ID _____

SOURCE: Provide the name of the publication which contains the codes referenced.

PUBLISHED IN:

AVAILABLE FROM: Give the publisher, or other contact, from whom the user can obtain the document.

        Name/Attn of _____

        Company   _____   _____

        Address   _____

        Address   _____

        Address/ZIP   _____

ABSTRACT: Briefly describe the publication, its purpose, and indicate what codes it contains.

ABSTRACT:

DOCUMENT PREPARATION FOR

Rev. 4/1/90

INTERPRETATIONS, GUIDELINES AND CONTROL STANDARDS

These instructions are provided to assist developers of interpretations, guidelines and control structure which are not transaction sets (for transaction sets use the New Transaction Set Development Form).

GENERAL: DISA provides title page and front matter for publications and copyedits the document according to DISA house style.

REVISIONS: If the document is a revision of a previously published interpretation, guideline or standard, provide a summary of the changes to the original that are contained in the document.

I INTERPRETATIONS

A formal interpretation of an X12™ Standard is considered part of the body of standards when it is approved for publication. The interpretation draft should state the issue presented by the requestor, state the proposed interpretation, and show as attachments any Work Requests that may be necessary to effect the interpretation within the subject standard. The draft interpretation is processed like any other subcommittee document.

II GUIDELINES

For publication purposes, guidelines are treated like a journal article. Basic requirements are given below.

ABSTRACT: This is a precise summary of the Purpose/Scope (see below), and may be identical to it if that is brief (two paragraphs); otherwise summarize the purpose/scope. It should contain enough information about the document to enable a reader determine what the guideline is intended to accomplish within an EDI environment.

PURPOSE AND SCOPE: This statement must indicate purpose of the guideline, e.g., the business function or operation addressed. Scope and any specific limitations of scope should be defined.

BODY OF TEXT: This may be a number of subsections logically organized. Provide sections for foreword, introduction, definition of terms and concepts, references and related standards, methodology, specifications, requirements, discussion, and conclusions, as appropriate to the subject.

ART AND GRAPHICS: Graphics or artwork necessary to illustrate the document are encouraged. Provide camera-ready copy if these are not already prepared and delivered on a WP diskette to DISA.

FOREWORD, FOOTNOTES, APPENDICES: These may be used for purposes of clarity, illustration, or general information, not as "part of the guideline." A statement indicating the material is for information purposes only and not part of the guideline shall appear at the beginning of a foreword or appendix.

III CONTROL STRUCTURES AND OTHER STANDARDS

For publication purposes, these documents are treated like guidelines (see Section II above). The requirements are the same, with the addition of the following:

NEW SEGMENTS AND DATA ELEMENTS: These may be defined within the text; however, since they represent changes to X12.22 and X12.3, they should be specified on a Work Request Form attached to the draft.

RELATED X12™ STANDARDS AND OTHER REFERENCES: These shall be identified in a section within the text.

Page Two

FORMAT: "This Draft Standard for Trial Use contains the format and establishes the data contents of the _____ Transaction Set (____) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set (can be used to...)"

C. PURPOSE AND SCOPE This statement must indicate the full range of capabilities of the transaction set, and who the senders/receivers are. Explain the business function or operation that is addressed. Follow ASC X12 Design Rules and Guidelines and use this format:

FORMAT: "This standard provides the format and establishes the data contents of the _____ Transaction Set within the context of an Electronic Data Interchange (EDI) environment. This transaction set (can be used to...)"

D. TRANSACTION SET TABLE(S) For each table provide the following information. FORMAT:

TABLE X

POSITION NO.	SEGMENT ID	TITLE	REQ. DES.	MAX. USE.	LOOP REPEAT COUNT	NOTE REF.
010	ST	Transaction Set Header	M	1		Note 1
020	BB	Beginning Segment For	M	1		Comment 1
etc.						

Note 1: This is a note. NOTES are part of the standard (numbered).
Comment A: This is a comment. COMMENTS are not part of the standard (lettered).

E. APPENDIX EXAMPLES Examples are used to test the merit of the proposed transaction and to explain it to users. At least one example is mandatory. No recognizable proper names may be used in any example.

FIGURE 1: (Optional) Use a sample paper document using mock data. If used, data must be accurately mapped to Figure 2. Original graphics must be attached (8-1/2x11") so they can be copied.

FIGURE 2 (or EXAMPLE): Title the figure and provide a Business Scenario to explain to the reader what is going on in the example. Add the note: "In this example the asterisk (*) represents the data element separator and the N/L characters represent the segment terminator." Present EDI transmission data and its meaning in two columns, side-by-side. ZZ or ZZZ codes are discouraged, since their usefulness in an explanatory example is nil. FORMAT:

BUSINESS SCENARIO: In this transaction set the sender is XYZ Retail Center and the receiver is their supplier, Fantastic Products Manufacturing, Inc....etc.

EDI TRANSMISSION DATA	(TRANSACTION SET PURPOSE) DATA
ST*8XX*0005 N/L No. 0005	Begin Transaction Set 8XX; Control No. 0005
BB*01*79800* N/L 79800 etc.	Original Transmission; Ref. No.

Rev. 5/10/90

DM Number _____
(Secretariat Only)

Document No._____
(Developer Obtains from DISA)

ASC X12

NEW TRANSACTION SET DEVELOPMENT FORM

INSTRUCTIONS: Use this form to submit a draft transaction set for review by X12J Technical Assessment until it is text processed by DISA. Use a new Transaction Set Development Form whenever revisions are proposed and a text file has not yet been prepared by DISA.

ATTACHMENTS: Attach all pages; use this form as the first. Follow these instructions for preparing materials.

The submitter must obtain a document number assignment from DISA. Post it to this form (above).

Attach a List of Revisions if the draft was previously reviewed by X12J or if this is a revised/redesigned transaction set standard requiring X12 ballot.

Use ONE Work Request Form to list all supporting data maintenance for the transaction set and attach it to this form. Propose new or revised codes for DE 143 and DE 479 at a minimum, if required.

A Transmittal Form must accompany this document when it is submitted to DISA for distribution.

Use the most recent X12™ Standards Development Workbook to check your document for accuracy.

A. SUBMITTER INFORMATION

Submitter: Name _____

           Company _____

           Address _____

           Address/ZIP _____

           Phone _____

Indicate the X12 subcommittee or task group whose position is represented here.
I declare that this represents the official position of X12 WORK GROUP: _____
established at the meeting dated _____.

B. ABSTRACT
The Abstract is registered with the American National Standards Institute. It is a precise summary of the Purpose/Scope (see Section C below). It may be identical to the Purpose/Scope if that is brief (two paragraphs), otherwise summarize the purpose/scope. It should contain enough information about the standard to enable a potential user determine what equivalent paper transaction it represents or what the standard is intended to do. Follow the format on page two.

Rev. 5/10/90

SAMPLE TRANSMITTAL FORM

Initialized
KEY DATE: February 15, 1990

DELEGATE'S NAME	John Doe
RESPONSIBLE SUBCOMMITTEE/TG#	ASC X12Q XX Subcommittee/TG4
TRANSACTION SET/GUIDELINE TITLE	X12.XX ABC/XYZ TRANSACTION SET (8XX)

BALLOT Document No.
Current Document No.   ASC X12Q/90-051
Previous Document No.   ASC X12Q/90-004
Project Proposal No.   PP-999
Associated WR/DM No.   DM 012-190

PROJECT PROPOSAL
PP Review by X12J   (DATE) 2/7/90
PRB Approves PP   (DATE) 2/9/90

DEVELOPMENT PHASE: Project proposal approval through approval for X12 vote.

Document Submitted for DISA Text Processing   (DATE) _____
Subcommittee Approves Draft for Review by X12J, Tech Assessment   (DATE) _____
X12J Tech Assessment Review   (DATE) _____
PRB Approves Document for X12 Vote   (DATE) _____

ORIGINAL BALLOT DATA (DISA):

Ballot Closed Date   (DATE) _____
Tally/Comments Sent to Chair/Delegates   (DATE) _____
Tally Stats (Number and Percent)
_____ Ballots Mailed   (100%)
_____ Ballots Returned   (__%)
_____ Approved   (__%)
_____ App w/Comment   (__%)
_____ Disapproved   (__%)
_____ Abstained   (__%)

Page Two

COMMENT RESOLUTION PHASE: See Sections A, B and C. If the subcommittee at any time decides to reballot the document, PRB approval is required and response letters are not necessary.

A. COMMENT RESPONSE LETTERS: An Open Forum must be scheduled at the next X12 meeting following the ballot closing date. All those who commented receive a comment response letter from the developing subcommittee. DISA records this process and handles the mailing.

Open Forum Date	(DATE) _____
Response Letters Mailed Out by DISA	(DATE) _____
Rebuttal Period (30 days) Closes	(DATE) _____

ADJUSTED BALLOT DATA (DISA):

30-Day Response Review Closed Date	(DATE) _____
Tally/Comments Sent to Chair/Delegates	(DATE) _____

Tally Stats (Number and Percent)
_____ Ballots Mailed   (100%)
_____ Ballots Returned (__%)
_____ Approved   (__%)
_____ App w/Comment (__%)
_____ Disapproved   (__%)
_____ Abstained   (__%)

B. SUBSTANTIVE REVISION: If ballot comments result in substantive revisions to the document, these are reviewed by X12J and processed by DISA. The revised document is submitted to X12 voters for a 30-day review period. DISA records this process/handles mailing. Subcommittees should conduct 30-day reviews for response letters/revised documents concurrently.

Subcommittee Approval of Revisions	(DATE) _____
X12J Review of Revisions	(DATE) _____
DISA Mails Revised Document	(DATE) _____
Substantive Revision 30-Day Review Closes	(DATE) _____

ADJUSTED BALLOT DATA (DISA):

30-Day Substantive Change Review Closed Date	(DATE) _____
Tally/Comments Sent to Chair/Delegates	(DATE) _____

Tally Stats (Number and Percent)
_____ Ballots Mailed   (100%)
_____ Ballots Returned (__%)
_____ Approved   (__%)
_____ App w/Comment (__%)
_____ Disapproved   (__%)
_____ Abstained   (__%)

Page Three

C. CONTINUING OBJECTIONS. If there are continuing disapprovals after the 30-day review period, the document/disapprovals/responses/continuing objections are mailed to X12 members who originally cast a ballot, for another 30-day review, to give them an opportunity to change their vote.

Continuing Objections Mailed to Chair/Delegate by DISA	(DATE) _____
DISA Mails Documents	(DATE) _____
30-Day Review Closes	(DATE) _____

FINAL ADJUSTED TALLY (DISA): Whenever any disapprovals are withdrawn, a letter to this effect must be received in writing by DISA.

Final Tally Results Sent to Chair/Delegate   (DATE) _____
30-Day Review Stats (Adjusted Tally)
_____ Ballots Mailed   (100%)
_____ Ballots Returned   (___%)
_____ Approved   (___%)
_____ App w/Comment   (___%)
_____ Disapproved   (___%)
_____ Abstained   (___%)

PRB APPROVAL PHASE: After the comment resolution period, the subcommittee votes to submit the document to the PRB for approval to publish.

Subcommittee Votes to Release to PRB	(DATE) _____
PRB Approves Publication	(DATE) _____

FOR DRAFT STANDARDS FOR TRIAL USE:
VERSION/RELEASE/SUBRELEASE ID CODE ASSIGNED: _____

Page Four

TRANSMITTAL FORM INSTRUCTIONS:

GENERAL: This Transmittal Form is a TURNAROUND DOCUMENT which records the history/current status of a project document. It is used to exchange information between the Secretariat and the committees of X12. Information is cumulative (add on). This form is attached to the document whenever it is issued for distribution (it is mandatory for submitting documents to DISA, X12J Technical Assessment, and the PRB). Document control numbers are still required on each document, and new numbers are required whenever it is revised.

KEY DATE: This is used to identify the latest version of the document (date associated with the current transmittal form update).

DELEGATE: Each subcommittee designates an individual (delegate) from the group responsible for the project. The Secretariat must be informed if the delegate changes.

INITIATION: Primary data is recorded by DISA on the initialized form after the project proposal is approved by the PRB. The subcommittee chair and delegate(s) receive the initialized Transmittal Form from DISA; thereafter, they are responsible for recording the appropriate subcommittee approval dates. The chair/delegate will receive a copy of the updated transmittal form whenever it is revised by DISA.

UPDATING: At each appropriate step, DISA will POST fresh data to the form, ADD the next appropriate blanks to the form, and SEND it to the subcommittee chair/delegate at each status change. The delegate must POST the form with fresh data at each status change for which the subcommittee is responsible and SEND it with the appropriate document to the Secretariat.

ASC X12 BALLOT COMMENT
RESPONSE LETTER FORMAT

GENERAL INFORMATION

AFTER AN X12 BALLOT, THE RESPONSIBLE SUBCOMMITTEE (OR ITS DESIGNATED TASK GROUP) MUST respond in writing to all disapproval votes. The Organization & Procedures manual (OPM) states that you are not required to respond to those members who approved with comment, but typically all commentors are responded to. The OPM states that all comment responses must be coordinated with the Subcommittee Chair.

There are two response letter formats from which to choose: a generic letter which will be sent to all commentors, and a individualized response to each commentor. See instructions below and the attachments.

OPTION 1: GENERIC LETTER (MASTER LETTER) TO ALL COMMENTORS
You may prepare one letter to be sent to all commentors. Every comment received must be reproduced in your letter. For each comment listed, name the commentor (X12 member company name) and the vote recorded for them. Link your response to the comment. If you choose this option, you may group the comments which are similar and respond to them as a group. Every member that disapproved must be responded to.

OPTION 2: INDIVIDUAL LETTER TO EACH COMMENTOR
You may prepare one letter for each commentor. If you choose this option, you need not repeat the original comment provided on the ballot. Follow the usual business letter style and the general instructions below. Every member that disapproved must be responded to.

INSTRUCTIONS

STEP 1: Plan to print the first page of your letter(s) on ASC X12 letterhead. If you don't have letterhead, you can obtain some from the Secretariat or reproduce the sample attached. You may not use personal, corporate, or blank letterhead for your comment response letter(s).

STEP 2: Call the Secretariat for a document control number. This number must appear in the upper right corner of the first page of the letter. If you send an individualized letter to each commentor, the document control number assigned for the first letter will be followed by an "A" (e.g., ASC X12F/TG8/90-120A), the second by a "B" (e.g., ASC X12F/TG8/90-120B), etc.

STEP 3: Choose your letter format option (see General Information above).

STEP 4: Prepare the letter following the outline, below using a typical business letter format.
   a. Provide a contact name (sender's) in the upper right corner box of the letterhead; include phone number.
   b. Print the document control number under the letterhead box.
   c. Print the date under the document control number.
   d. Address the letter to the individual, or for a generic letter include an addressee line and subject line.
   e. Include an introductory paragraph so the issue is properly identified to the addressee.
   f. You may wish to recap the ballot tally (from your Transmittal Form) for the information of the reader.

STEP 4: Forward the letters to the Secretariat, Attention Secretariat Services, with a cover letter requesting distribution of the response letter(s) you have prepared. When the letters have been distributed, the project delegate and subcommittee chair will receive an updated Transmittal Form which has the mailing date and 30-day review period closing date posted.

Attachments: X12 Letterhead Sample
                Sample Master Response Letter
                Sample Individual Letter

ASC X12-ELECTRONIC DATA INTERCHANGE (EDI)

Accredited Standards Committee
operating under the procedures of the
American National Standards Institute

Tim Jonesey
(999) 999-9999

Dan Smithey
(999) 999-9999

Document No

ASC X12C/TG20/90-999
June 25, 1990

TO: X12 Members Who Commented on Modifications to
X12.xx Control Structures

RE: Response to Comments on December Ballot
DMs 205289, 215289, 317289

Thank you for your comments. This ballot involved modifications to X12.xx. Of the 327 ballots mailed, 153 ballots were returned. Of these, 81 approved, 15 approved with comment, 20 disapproved with comment and 37 abstained.

In general, the vote responses were in favor of the modifications. The majority of the comments focused on the impact of these modifications on the presentation of information in the X12.22 Segment Directory. The proposed modifications and the resulting presentation in the segment directory have been reworked in response to these comments. A revised modification to X12.xx was reviewed by Technical Assessment at the June ASC X12 meeting. Modifications to the document have been made which reflect responses to the comments from this ballot, and a revised copy of X12.xx is being distributed to all who voted on this issue, for 30-day review of revisions.

Specific responses to comments follow.

COMMENT: Automobile Corporation
"Add the following note to Paragraph 3.3: NOTE: Communication protocol characters should be excluded from the character set."

RESPONSE:
The cover letter sent out with the voting package explained that the intent was to obtain consensus on the proposed modifications to X12.xx. X12.xx is a difficult standard to amend. We request that ballot responses be considered on the merits of the recommended modifications and not on the standard as a whole. Your comment was outside the scope of the requested modifications.
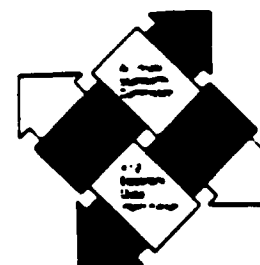
Page Two

COMMENT: Aircraft Engine Corporation
"Some consideration for Abstract Syntax Notation One (ASN.1) should be allowed.

1. ASN.1 is capable of defining all of the necessary inter-relations needed by X12 transactions.

2. ASN.1 requires less characters to define the same information.

3. ASN.1 is the encoding scheme used by most OSI work."

RESPONSE:
The recommendation to consider usage of ASN.1 encoding reaches far beyond the scope of the modifications requested in this ballot. Activities such as this are best submitted as separate work requests.

COMMENT: Some Software Inc.
"Conditionality of data elements should be left to the discretion of implementation guidelines and agreements. There is much discussion at times as far as whether certain data elements should be mandatory or not; many application systems are incapable of providing certain 'mandatory' information and, as such, filler-type data must be inserted."

RESPONSE:
The issue of data element conditionality as a whole is a much broader subject than was intended to be addressed within the scope of this ballot. This ballot was intended to provide a means for consistent documentation and application of already existing conditional structures. If the commentor believes that the conditional structure should be removed from the standard, the task group recommends that this be submitted as a separate work request.

Etc.

ASC X12-ELECTRONIC DATA INTERCHANGE (EDI)

Accredited Standards Committee
operating under the procedures of the
American National Standards Institute

Joe Somebody
Chair TG19, X12C
(999) 999-9999

Document No

ASC X12C/TG8/90-998A
August 10, 1990

Ms. Jane Doe
American Bank
One Central Plaza
Middle America, MO 99999

RE: Response to Ballot Comments on
ASC X12 Model Guideline

Dear Ms. Doe:

Subcommittee X12C has empowered its Task Group 19 to provide responses to the comments on this ballot. The members of TG19 wish to thank all X12 members who took the time and effort to vote on this guideline. We especially thank each individual who provided comments, whether in approval or disapproval of the guideline. We recognize and appreciate your careful review of this document.

Our response is keyed to the numbered items in the comments attached to your ballot.

RESPONSE

1. We agree with your comment. In Section 4.2.2, we have replaced "we utilize rules ..." with "rules ... are utilized".

2. The confusion between Section 4.2.3 and Section 6.2 only exists because of the example we chose in the first section. This is a hypothetical example, of a simplified model. Headers and trailers can be placed on the content at ALL levels, and do not necessarily correspond to ASC X12 headers and trailers.

3. We agree with your comment. Section 6.2 has been changed so that "the establishment of ..." was added to items 1 and 4.

5.0 GLOSSARY

This chapter contains ASC X12 and DoD specific glossaries.

5.1 X12 GLOSSARY

ANSI
American National Standards Institute

ANSI Standard
A document published by ANSI that has been approved through the consensus process of public announcement and review. Each of these standards must have been developed by an ANSI committee and must be revisited by that committee within 5 years for update. See Draft Standard for Trial Use (DSTU).

Area Transaction Set
Identifies a predefined area within a transaction set (header, detail, summary) containing segments and their various attributes.

ASC X12
Accredited Standards Committee, X12 comprises industry members who create EDI standards for submission to ANSI for subsequent approval and dissemination; or for submission to the UN/ECE for approval and submission of UN/EDIFACT stan-dards.

Authentication
A mechanism which allows the receiver of an electronic transmission to verify the sender and the integrity of the content of the transmission through the use of an electronic "key" or algorithm which is shared by the trading partners. This is sometimes referred to as an electronic signature.

Compliance Checking
A checking process that is used to ensure that a transmission complies with ANSI X12 syntax rules.

Conditional (C)
A data element requirement designator which indicates that the presence of a specified data element is dependent on the value or presence of other data elements in the segment. The condition must be stated and must be computer processable.

Control Segment
A Control Segment has the same structure as a Data Segment but is used for transferring control information for grouping data segments. Control Segments are Loop Control Segments (LS/LE), Transaction Set Control Segments (ST/SE), and Functional Group Control Segments (GS/GE), defined in X12.6, and Interchange Control Segments (ISA/IEA/TA1) defined in X12.5.

Data Element

The basic units of information in the EDI standards containing a set of values that represent a singular fact. They may be single-character codes, literal descriptions, or numeric values.

Data Element Length

This is the range, minimum to maximum, of the number of character positions available to represent the value of a data element. A data element may be of variable length with range from minimum to maximum, or it may be of fixed length in which the minimum is equal to the maximum.

Data Element Reference Number

Reference number assigned to each data element as a unique identifier.

Data Element Requirement Designator

A code defining the need for a data element value to appear in the segment if the segment is transmitted. The X12 codes are mandatory (M), optional (O), or conditional (C). DoD may "require" a segment which is optional by X12 standards.

Data Element Separator

A unique character preceding each data element that is used to delimit data elements within a segment. Dod uses "*" as the delimiter.

Data Element Type

A data element may be one of six types: numeric, decimal, identifier, string, date, or time.

Delimiters

The delimiters consist of two levels of separators and a terminator. The delimiters are an integral part of the transferred data stream. Delimiters are specified in the interchange header and may not be used in a data element value elsewhere in the interchange. From highest to lowest level, the separators and terminator are segment terminator and data element separator.

DISA

Data Interchange Standards Association. A nonprofit organization funded by ASC X12 members which serves as the Secretariat for X12.

DSTU

Draft Standard for Trial Use. Represents a document approved for publication by the full X12 committee following membership consensus and subsequent resolution of negative votes. (Final Report of X12 Publications Task Group). The Draft EDI Standard for Trial Use document represents an ASC X12 approved standard for use prior to approval by ANSI. See ANSI Standard.

EDI

Electronic Data Interchange. The computer application to computer application exchange of business information in a standard format.

Electronic Envelope

Electronic information which binds together a set of transmitted documents being sent from one sender to one receiver.

Element Delimiter

A single-character which follows the segment identifier and separates each data element in a segment except the last.

Functional Group

A group of one or more transaction sets bounded by a functional group header segment and a functional group trailer segment.

Functional Group Segments

GS/GE segments identify a specific functional group of documents such as purchase orders.

Industry Conventions

Defines how the ASC X12 standards are used by the specific industry

Industry Guidelines

Defines the EDI environment for using conventions within an industry. It provides assistance on how to implement X12 standards.

Interchange Control Segments

ISA/IEA segments identify a unique interchange being sent from one sender to one receiver (see electronic envelope).

Interchange Control Structure

The interchange header and trailer segments envelop one or more functional groups or interchange-related control segments and perform the following functions: (1) defines the data element separators and the data segment terminators, (2) identifies the sender and receiver, (3) provides control information for the interchange, and (4) allows for authorization and security information. (X12.5)

Loop

A group of semantically related segments; these segments may be either bounded or unbounded (X12.6). The N1 loop is an example of a loop, which includes segments N1 to PER for name and address information.

Mandatory (M)

A data element/segment requirement designator which indicates the presence of a specified data element is required.

Mapping

The process of identifying the standard data element's relationship to application data elements.

Max Use

Specifies the maximum number of times a segment can be used at the location in a transaction set

Message

Entire data stream including the outer envelope

Optional (O)

A data element/segment requirement designator which indicates the presence of a specified data element/segment is at the option of the sending party which can be based on the mutual agreement of the interchange parties.

Qualifier

A data element which identifies or defines a related element, set of elements, or a segment. The qualifier contains a code taken from a list of approved codes.

Repeating Segment

A segment that may be used more than once at a given location in a transaction set. See Max Use.

Security

System screening which denies access to unauthorized users and protects data from unauthorized uses

Segment

Segments consist of logically related data elements in a defined sequence. A data segment consists of a segment identifier, one or more data elements each preceded by an element separator, and ends with a segment terminator.

Segment Directory

Provides the purpose and format of the segments used in the construction of transaction sets. The directory lists each segment by name, purpose, identifier, the contained data elements in the specified order, and the requirement designator for each data element.

Segment Identifier

A unique identifier for a segment composed of a combination of two or three upper-case letters and digits. The segment identifier occupies the first-character positions of the segment. The segment identifier is not a data element. The segment identifier in EDIFACT is a component data element — part of a composite data element consisting of a segment identifier and an explicit looping designator.

Segment Terminator

A unique character appearing at the end of a segment to indicate the termination of the segment, e.g., N/L.

Syntax

The grammar or rules which define the structure of the EDI standards (i.e., the use of loops, qualifiers, etc.). Syntax rules are published in ANSI X12.6.

Transaction Set

The transaction set unambiguously defines, in the standard syntax, information of business or strategic significance and consists of a transaction set header segment, one or more data segments in a specified order, and a transaction set trailer segment.

Transaction Set ID

An identifier that uniquely identifies the transaction set. This identifier is the first data element of the transaction set header segment.

Translation

The act of accepting documents in other than standard format and translating them to the standard.

Version/Release

Identifies the publication of the standard being used for the generation or the interpretation of data in the X12 standard format. May be found in the Functional Group Header Segment (GS) and in the Interchange Control Header Segment (ISA). See Control Segment.

VICS Committee

Voluntary Interindustry Communications Standards for Electronic Data Interchange

X12

The ANSI committee responsible for the development and maintenance of standards for electronic data interchange (EDI).

X12.5

Interchange Control Structure. This standard provides the interchange envelope of a header and trailer for the electronic interchange through a data transmission, and it provides a structure to acknowledge the receipt and processing of this envelope.

X12.6

Application Control Structure. This standard describes the control segments used to envelop loops of data segments, to envelop transaction sets, and to envelop groups of related transaction sets.

5.2 DoD GLOSSARY

AIS
Automated Information Systems

ASD(P&L)
Assistant Secretary of Defense (Production and Logistics)

DES
Data Encryption Standard

DISA
Defense Information Systems Agency

DLA
Defense Logistics Agency

ISA
Interchange Control Header Identifier

NIST
National Institute of Standards and Technology

NTE
Note Identifier

PLUS
Protection of Logistics Unclassified/Sensitive Systems

UN/EDIFACT
EDIFACT; Electronic Data Interchange for Administration, Commerce, and Transport

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Stephen Luster
Richard Modrowski
William T. James

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

Logistics Management Institute
6400 Goldsboro Road
Bethesda, MD 20817-5886

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13. ABSTRACT *(Maximum 200 words)*

This is an Electronic Data Interchange (EDI) systems design document that describes the standard or "convention" the Department of Defense (DoD) will use to accept Price/Sales Catalog information using the ASC X12 Transaction Set 832 Price/Sales Catalog (003030).

14. SUBJECT TERMS

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