EXOSTAR®

PURCHASE ORDER CHANGE –
BCA EDI IMPLEMENTATION GUIDE
X12 version 4010 – 860 transaction
Boeing SCMP

Document Status

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Description	An Implementation Guide for Aerospace-industry Suppliers who want to receive Purchase Order Changes in EDI format via Exostar.

Document Revision History

Version #	Date	Author's Name	Revisions Made
1.0	June 1, 2006	L. Durham	Initial draft version of document.
2.0	June 7, 2006	L. Durham	Final version. Added POC10-11 elements and a N903 element (where N901 = CT).
3.0	June 22, 2006	L. Durham	Revised Appendix A to include Buyer-specific formats for PO Number.
4.0	July 24, 2006	L. Durham	Corrected TD5 segment – element TD503 incorrectly referenced as the TD505 element.
5.0	August 30, 2006	L. Durham	Removed the optional BCH07 element (Contract Number). Expanded list of Change Type Codes (POC02 element). Revised Usage examples for N9*TX 02 element (page 42).
6.0	Nov. 8, 2006	L. Durham	1. Added the third paragraph and revised the fourth paragraph in the Introduction section (page 1). 2. Revised values for Purchase Order Type (page 15). 3. Added value of Static Text for N902 element (page 16). 4. Revised usage notes for the header-level Ship-To N2 segment (page 26). 5. Added value of QA Text for N902 element (page 45). 6. Revised usage notes for the detail-level Ship-To N2 segment (page 50). 7. Revised Change Codes in Appendix A (page 60).
6.0	January 9, 2009	Ann Lamica	Removed Contact Information only
6.0	June 13, 2012	Ann Lamica	Updated cover page to add BCA and modify Exostar address

Version #	Date	Author's Name	Revisions Made
6.1	October 31, 2012	Ann Lamica	Incorporated the following BP20 changes: 1. Updated the ITD segment to include the ITD03, ITD05 and ITD07. 2. Updated the values in the TD503 to remove "Freight" 3. Added the TD504 Transport Method/Type Code 4. Added a note to the N4 segment in the ST loops re handling of international postal codes 5. Added a new Detail-level Change Order Type Code (C14) to Appendix A 6. Replaced the example
6.2	May 4, 2015	Ann Lamica	Updated some codes, formats and descriptions solely as updates to the current documentation: 1. list of Order Types with details; 2. changed Header Text, Line Text and Tax Exempt Cert Text to uppercase and removed QA Text and Static Text as no longer used; 3. added No-NotTaxExempt to documentation as a possible value in N9 TX and the TXI segment 4. Removed POC02 code values PQ, PR, QD, QI, RE & TI which are not currently used by Boeing.
6.2.1	Feb 17, 2016	Ann Lamica	1. Added Boeing/Exostar ISA & GS IDs 2. Updated the description for Purchase Order Type: Reverse Logistics PO to indicate that the order type is used primarily by Logistics Company 628.
6.3	March 1, 2016	Ann Lamica	1. Added C15 Close Line to the Detail-level Change Order Type Codes 2. Provided a cross-reference in Appendix A to associate the Detail-level Change Order Type Codes with the appropriate POC02 element (Change Type Code) and updated the descriptions 3. Added an additional POC example for the C15 "Close Line" state.

Version #	Date	Author's Name	Revisions Made
6.3.1	July 17, 2019	Ann Lamica	1. Exostar address changed on cover page 2. Recommended EDI delimiters added to ISA segment notes 3. Note added to SCH segment

Table of Contents

Introduction

This Guide is designed for Suppliers who want to receive Purchase Order Changes in EDI X12 format. These Purchase Order Changes are initiated by Buyers in the aerospace industry; the EDI data is generated and delivered by Exostar.
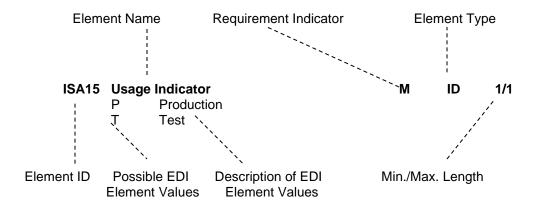
The EDI formats defined in this Guide adhere to the Accredited Standards Committee (ASC) X12 standards for EDI, version 4010. The overall structure of the EDI Purchase Order Change (860 transaction set) is defined on pages 2-4. Within the 860 transaction set, several loops are used for multiple purposes. An example is the header level N1 loop – there can be up to four iterations of this loop – for Supplier Name/Address, Ship From location, Ship To location, and Buying Party Name/Address. Where a specific loop has possible multiple iterations, each potential iteration is provided in this Guide.

For these loops that are used for multiple purposes, a Supplier should understand that the key to distinguishing the purpose of each loop is to utilize the unique qualifier(s) that is present in each loop. Using the example of the header level N1 loop, the qualifier in the N102 element is used to determine whether this is Supplier Name/Address (N102=SU), a Ship From location (N102=SF), Ship To location (N102=ST), or a Buying Party Name/Address (N102=BY). A Supplier should not try to distinguish the purpose of a specific loop based on the sequential order of these loops as presented in this Guide.

The subsequent pages define the usage for each individual EDI segment. Please note that many of the EDI segments listed in this Guide are optional, and may not be utilized for certain EDI Purchase Order transactions.

For each specific segment, the Guide lists only the elements that may appear in these Purchase Order Changes. Elements that are not present in this Guide are optional elements that are not required for this application.

For each element that can be utilized in this EDI Purchase Order Change, the Guide defines the element type and possible usage. The following diagram depicts an example of this:

Element Name	Requirement Indicator	Element Type

ISA15 **Usage Indicator**   **M**   **ID**   **1/1**
         P   Production
         T   Test

Element ID	Possible EDI Element Values	Description of EDI Element Values	Min./Max. Length

As depicted above, certain EDI elements will have specific EDI element values indicated in the Guide. If an element does not have a specific EDI value(s), a text description is provided indicating the content for this element.

The Requirement Indicator provides the X12 standard requirement for each element. The values for this are indicator are M (Mandatory), O (Optional), and X (Relational). This Guide adheres to all X12 requirements involving the usage of mandatory and relational data elements in the 860 transaction set.

A **<u>sample</u>** EDI Purchase Order Change transaction is provided at the end of this Guide.

860 Transaction Set Structure

860 Purchase Order Change

	TAG	NAME	STATUS	REPEAT	LOOP REPEAT
	ISA	Interchange Control Header	M	1	
	GS	Functional Group Header	M	1	

Header

POS.	TAG	NAME	STATUS	REPEAT	LOOP REPEAT
010	ST	Transaction Set Header	M	1	
020	BCH	Beginning Segment for Purchase Order Change	M	1	
060	PER	Administrative Communications Contact	O	3	
080	FOB	F.O.B. Related Instructions	O	>1	
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
LOOP ID – N9		**(Change Order Type Code)**	**O**		**1000**
285	N9	Reference Identification	M	1	
LOOP ID – N9		**(Purchase Order Type)**	**O**		**1000**
285	N9	Reference Identification	M	1	
290	MSG	Message Text	O	1000	
LOOP ID – N9		**(HEADER TEXT)**	**O**		**1000**
285	N9	Reference Identification	M	1	
290	MSG	Message Text	O	1000	
LOOP ID – N9		**(Originating Company ID)**	**O**		**1000**
285	N9	Reference Identification	M	1	
LOOP ID – N1		**(Supplier)**	**O**		**200**
300	N1	Name	M	1	
310	N2	Additional Name Information	O	2	
LOOP ID – N1		**(Ship From)**	**O**		**200**
300	N1	Name	M	1	
320	N3	Address Information	O	2	
330	N4	Geographic Location	O	1	
LOOP ID – N1		**(Ship To)**	**O**		**200**
300	N1	Name	M	1	
310	N2	Additional Name Information	O	2	
320	N3	Address Information	O	2	
330	N4	Geographic Location	O	1	

	LOOP ID – N1 (Buying Party)		O		200
300	**N1**	Name	M	1	
320	**N3**	Address Information	O	2	
330	**N4**	Geographic Location	O	1	

Detail

POS.	TAG	NAME	STATUS	REPEAT	LOOP REPEAT
	LOOP ID – POC		**M**		>1
010	**POC**	Line Item Change	M	1	
	LOOP ID – CTP		O		>1
040	**CTP**	Pricing Information	**M**	1	
	LOOP ID – PID		O		1000
050	**PID**	Product/Item Description	M	1	
240	**TD5**	Carrier Details (Routing Sequence/ Transit Time)	O	12	
290	**TXI**	Tax Information	O	>1	
	LOOP ID – SCH		O		200
295	**SCH**	Line Item Schedule	M	1	
	LOOP ID – N9 (Change Order Type Code)		O		1000
320	**N9**	Reference Identification	M	1	
	LOOP ID – N9 (Item Sequence Number)		O		1000
320	**N9**	Reference Identification	M	1	
	LOOP ID – N9 (Tax Exempt Status Text)		O		1000
320	**N9**	Reference Identification	M	1	
	LOOP ID – N9 (Contract Number)		O		1000
320	**N9**	Reference Identification	M	1	
	LOOP ID - N9 (Contract Line Item Number)		O		1000
320	**N9**	Reference Identification	M	1	

LOOP ID – N9 (Line Item Text)			O	1000
320	**N9**	Reference Identification	M	1
330	**MSG**	Message Text	O	1000

LOOP ID – N1 (Line Item Ship To)			O	200
340	**N1**	Name	M	1
350	**N2**	Additional Name Information	O	2
360	**N3**	Address Information	O	2
370	**N4**	Geographic Location	O	1

LOOP ID – AMT			O	>1
590	**AMT**	Monetary Amount	M	1

Summary

POS.	TAG	NAME	STATUS	REPEAT	LOOP REPEAT
	LOOP ID – CTT		O		1
010	**CTT**	Transaction Totals	M	1	
020	**AMT**	Monetary Amount	O	1	
030	**SE**	Transaction Set Trailer	M	1	
	GE	Functional Group Trailer	M	1	
	IEA	Interchange Control Trailer	M	1	

Segment/Element Data Content

This section of the EDI Implementation Guide details the specific usage of segments and data elements for the 860 Purchase Order Change transaction set. Within a specific segment, such as the BCH segment, specific values for the data elements are provided.

ISA   Interchange Control Header

Level: N/A
Position: N/A
Loop: N/A
Status: Mandatory
Purpose: To start and identify an interchange of one or more functional groups and interchange-related control segments.

ISA01	**Authorization Information Qualifier**	M	ID	2/2
	00 No Authorization Information Present			
ISA02	**Authorization Information**	M	AN	10/10
	This element will be blank-filled.			
ISA03	**Security Information Qualifier**	M	ID	2/2
	00 No Security Information Present			
ISA04	**Security Information**	M	AN	10/10
	This element will be blank-filled.			
ISA05	**Interchange ID Qualifier**	M	ID	2/2
	This value will be dependent upon the Buyer on whose behalf Exostar is sending this 860 transaction. Common value is:			
	12 Telephone Number			
ISA06	**Interchange Sender ID**	M	AN	15/15
	This value will be dependent upon the Buyer on whose behalf Exostar is sending this 860 transaction.			
ISA07	**Interchange ID Qualifier**	M	ID	2/2
	This value to be provided by the Supplier. All valid X12 values for this attribute are supported.			
ISA08	**Interchange Receiver ID**	M	AN	15/15
	This value to be provided by the Supplier.			
ISA09	**Interchange Date**	M	DT	6/6
	Format is YYMMDD.			
ISA10	**Interchange Time**	M	TM	4/4
	Format is HHMM.			

ISA11	**Interchange Control Standards Identifier**		**M**	**ID**	**1/1**
	U	U.S. EDI Community			
ISA12	**Interchange Control Version Number**		**M**	**ID**	**1/1**
	00401				
ISA13	**Interchange Control Number**		**M**	**N0**	**9/9**
	Unique interchange control number assigned by Exostar.				
ISA14	**Acknowledgement Requested**		**M**	**ID**	**1/1**
	0	No Interchange Acknowledgement Requested.			
ISA15	**Usage Indicator**		**M**	**ID**	**1/1**
	P	Production			
	T	Test			
ISA16	**Component Element Separator**		**M**		**1/1**
	Delimiter used to separate component elements within a composite data element.				

Boeing ISA Sender IDs and Qualifiers:

Usage	ISA Qualifier	ISA Sender ID
Production	12	4252660502
Test	12	4252660502

Delimiters:

Suppliers are requested to use the following EDI delimiters:

Exostar Delimiters	Segment Terminator	Element Separator	Sub-Element/Component Separator
Production	| (pipe)	~	^
Test	| (pipe)	~	^

GS Functional Group Header

Level: N/A
Position: N/A
Loop: N/A
Status: Mandatory.
Purpose: To indicate the beginning of a functional group and to provide control
            information.

GS01	**Functional Identifier Code**	M	ID	2/2	
	PC Purchase Order Change				
GS02	**Application Sender's Code**	M	AN	2/15	
	This value will be dependent upon the Buyer on whose behalf Exostar is sending this 860 transaction.				
GS03	**Application Receiver's Code**	M	AN	2/15	
	This value to be provided by the Supplier.				
GS04	**Date**	M	DT	8/8	
	Format is CCYYMMDD.				
GS05	**Time**	M	TM	4/8	
	Format is HHMMSSdd.				
GS06	**Group Control Number**	M	N0	1/9	
	Unique group control number assigned by Exostar.				
GS07	**Responsible Agency Code**	M	ID	1/2	
	X ASC X12				
GS08	**Version/Release**	M	AN	1/12	
	004010				

Boeing GS Sender IDs:

Usage	**787 Program Orders** Boeing.Puget Sound.ERP LN-BCA	**Non-787 Program Orders** Boeing.Puget Sound.BAAN ERP-BCA
Production	4252660502	BCAERP
Test	ERPTEST	BCAERPTEST

ST Transaction Set Header

Level: Header
Position: 010
Loop: N/A
Status: Mandatory.
Purpose: To indicate the start of a transaction set and to assign a control number.

ST01   Functional Identifier Code   M   ID   3/3
860   Purchase Order Change

ST02   Transaction Set Control Number   M   AN   4/9
Assigned by Exostar. Within a specific Functional
Group, this value will be unique.

BCH Beginning Segment for Purchase Order Change

Level: Header
Position: 020
Loop: N/A
Status: Mandatory.
Purpose: To indicate the beginning of the Purchase Order Change Transaction Set
                and transmit identifying numbers and dates.

BCH01 Transaction Set Purpose Code   **M**   **ID**   **2/2**
    01   Cancellation
    04   Change

BCH02 Purchase Order Type Code   **M**   **ID**   **2/2**
    CP   Change to Purchase Order

BCH03 Purchase Order Number   **M**   **AN**   **1/22**
    Buyer-assigned purchase order number. Certain Buyers will have
    specific formats for their PO numbers. Please refer to **Appendix A** for a
    list of these buyer-specific formats.

BCH04 Release Number   **O**   **AN**   **1/30**
    Buyer-assigned change order sequence number.

> To support "legacy" implementations of this transaction set, the BCH04
> element is used to provide the Change Order Sequence Number, rather than
> the BCH05 element.

BCH05 Change Order Sequence Number   **O**   **AN**   **1/8**
    Buyer-defined PO Change Type code.

> To support "legacy" implementations of this transaction set, a Header-level
> PO Change Type code can be present in both the BCH05 element and in an
> **N902 element** (where N901 = C4).
>
> A list of specific Buyer-defined PO Change Type Codes is provided in
> **Appendix A**.

BCH06 Date   **M**   **DT**   **8/8**
    Original purchase order date. Format is CCYYMMDD.

BCH11 Date   **O**   **DT**   **8/8**
    Purchase Order Change date. Format is CCYYMMDD.

PER Administrative Communications Contact

Level: Header
Position: 060
Loop: N/A
Status: Optional.
Purpose: To identify a person or office to whom administrative communications
                should be directed.

PER01 Contact Function Code   **M**   **ID**   **2/2**
BD   Buyer Name or Department

PER02 Name   **O**   **AN**   **1/60**
Buyer's name.

PER03 Communication Number Qualifier   **X**   **ID**   **2/2**
TE   Telephone

PER04 Communication Number   **X**   **AN**   **1/80**
Buyer's telephone number.

FOB F.O.B. Related Instructions

Level: Header
Position: 080
Loop: N/A
Status: Optional.
Purpose: To specify transportation instructions relating to shipment.

FOB01	**Shipment Method of Payment**	**M**	**ID**	**2/2**
	DF Defined by Buyer and Seller			
FOB02	**Location Qualifier**	**X**	**ID**	**1/2**
	DE Destination (Shipping)			
	OR Origin (Shipping Point)			
	ZZ Mutually Defined			
FOB03	**Description**	**O**	**AN**	**1/80**
	Text instructions, as per the FOB02 qualifier.			

ITD Terms of Sale/Deferred Terms of Sale

Level: Header
Position: 130
Loop: N/A
Status: Optional.
Purpose: To specify terms of sale.

ITD03 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.

ITD05 Terms Discount Days Due   **O   N0   1/3**
Number of days in the terms discount period by which payment is due if
terms discount is earned.

ITD07 Terms Net Days   **O   N0   1/3**
Number of days until total invoice amount is due (discount not
applicable)

ITD12 Description   **O   AN   1/80**
Description of terms of payment.

The ITD03, ITD05 and ITD07 may be present when applicable to the
transaction. The ITD12 contains the text description of the terms of payment.

N9   Reference Identification

Level: Header
Position: 285
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
              Identification Qualifier.

> Four iterations of this N9 loop are possible within this 860 transaction set. This
> iteration of the N9 loop is used to provide the Change Order Type code, if the nature
> of the Change Order Type applies to the entire Purchase Order. A list of Buyer-
> defined Change Order Type codes is provided in **Appendix A**.
>
> If the changes to the PO are specific to individual line items, then the Change Order
> Type code will be provided in a **detail level N9 loop**.
>
> To support "legacy" implementations of this transaction set, the Change Order Type
> code is also provided in the **BCH05 element**. A Supplier can choose to map this
> code from either the N9 segment (at the Header and Detail levels) or from the BCH05
> element.

N901	**Reference Identification Qualifier**		**M**	**ID**	**2/3**
	C4 Change Number				
N902	**Reference Identification**		**X**	**AN**	**1/30**
	Buyer-defined Change Order Type code.				
N903	**Free-form Description**		**X**	**AN**	**1/45**
	Text description of Change Order Type.				

N9   Reference Identification

Level: Header
Position: 285
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
            Identification Qualifier.

Four iterations of this N9 loop are possible within this 860 transaction set. This
iteration of the N9 loop is used to provide the Purchase Order Type.

N901	**Reference Identification Qualifier**	**M**	**ID**	**2/3**
	L1 Letters or Notes			
N902	**Reference Identification**	**X**	**AN**	**1/30**
	This element will contain the following text:			

Purchase Order Type

MSG Message Text

Level: Header
Position: 290
Loop: N9
Status: Optional.
Purpose: To provide a free-form format that allows the transmission of text
             information.

MSG01 Free-Form Message Text   **M**   **AN**   **1/264**
This element will contain one of the following text values:

BCA ERPLN Order Types:

Purchase Order Type in MSG01	BCA ERPLN Description of Purchase Order Type
Discrete Purchase Order	Used for orders with a specific quantity and schedule. This order can have positive or negative lines.
Direct Ship Purchase Order	The items on these PO's can only be delivered to airlines, not to a Boeing facility or another Boeing external supplier.
Non-Conformance Debit PO	This order type is also known as "SND" or "Supplier Nonconformance Debiting". This order type is used for cost items (COST-080, Supplier Expense Repair/Rework) when the supplier/Business Partner is being charged for the nonconformance. These purchase orders create negative quantities/dollars.
Blanket Purchase Order	Used for simplified ordering. An agreed to quantity for a specific time period has been contracted with the supplier. The supplier ships items against the PO position until the quantity or planned delivery date has been reached.
Reverse Logistics PO	Used for Return To Supplier (RTS) partner-managed inventory (PMI) items (used primarily by Logistic Company 628).
Purch Consign Replacement Ord	Used only for ordering inventory that is owned by the supplier but stored at Boeing.
Purchase Order Exception	Used for: 1) Rejected Parts after Receiving Inspection, at Boeing Expense and disposition is RTS 2) Ship Short (means an Assembly or a Kit that is missing some of its components) 3) Supplier Banked Material (SBM) that is being moved from the SBM Warehouse to Boeing
Purchase Return Rejects	This order type is to support negative line(s) returns of parts that were rejected during the receiving inspection process. These purchase orders create negative quantities/dollars only.

N9   Reference Identification

Level: Header
Position: 285
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
             Identification Qualifier.

Four iterations of this N9 loop are possible within this 860 transaction set. This
iteration of the N9 loop is used to provide text information that pertains to the entire
Purchase Order Change. In this loop the N902 value will be HEADER TEXT.

N901   **Reference Identification Qualifier**   **M**   **ID**   **2/3**
          L1   Letters or Notes

N902   **Reference Identification**   **X**   **AN**   **1/30**
          This element will contain one of the following text values:

          HEADER TEXT

MSG Message Text

Level: Header
Position: 290
Loop: N9
Status: Optional.
Purpose: To provide a free-form format that allows the transmission of text
              information.

There can be multiple iterations of the MSG segment within this specific N9 loop.
Each iteration will contain a line of text information that applies to the entire Purchase
Order Change.

MSG01 Free-Form Message Text   **M   AN   1/264**
Text information that pertains to the entire Purchase Order Change.

N9   Reference Identification

Level:	Header
Position:	285
Loop:	N9
Status:	The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier.

Four iterations of this N9 loop are possible within this 860 transaction set. The fourth iteration of this loop is used to provide the Originating Company Identifier.

N901	**Reference Identification Qualifier**		**M**	**ID**	**2/3**
	8M	Originating Company Identifier			
N902	**Reference Identification**		**X**	**AN**	**1/30**
	Number identifying the company initiating this Purchase Order.				

N1 Name

Level: Header
Position: 300
Loop: N1
Status: The N1 loop is optional, but if utilized, the N1 segment is mandatory.
Purpose: To identify a party by type of organization, name, and code.

Four iterations of this N1 loop are possible within this 860 transaction set. This iteration of the N1 loop is used to provide information identifying the Supplier.

N101	**Entity Identifier Code** SU Supplier/Manufacturer	**M**	**ID**	**2/3**	
N102	**Name** Name of Supplier.	**X**	**AN**	**1/60**	
N103	**Identification Code Qualifier** 92 Assigned by Buyer	**X**	**ID**	**1/2**	
N104	**Identification Code** Buyer-assigned code for this Supplier.	**X**	**AN**	**2/80**	

N2 Additional Name Information

Level: Header
Position: 310
Loop: N1
Status: Optional.
Purpose: To specify additional name information.

This segment will only be utilized if the Buyer has provided additional Supplier name or reference information.

N201	**Name** First instance of additional Supplier name or reference information.	**M**	**AN**	**1/60**
N202	**Name** Second instance of additional Supplier name or reference information.	**O**	**AN**	**1/60**

N1 Name

Level: Header
Position: 300
Loop: N1
Status: The N1 loop is optional, but if utilized, the N1 segment is mandatory.
Purpose: To identify a party by type of organization, name, and code.

Four iterations of this N1 loop are possible within this 860 transaction set. This iteration of the N1 loop is used to provide information regarding the Ship From entity.

N101	**Entity Identifier Code**		**M**	**ID**	**2/3**
	SF Ship From				
N102	**Name**		**X**	**AN**	**1/60**
	Name of Ship From entity.				

N3 Address Information

Level: Header
Position: 320
Loop: N1
Status: Optional.
Purpose: To specify the location of the named party.

> Within this N1 loop, there is one mandatory iteration and one optional iteration of this N3 segment. The first mandatory iteration is used to provide one-two lines of Ship From address information.

N301	**Address Information**		**M**	**AN**	**1/55**
	First line of Ship From address.				
N302	**Address Information**		**O**	**AN**	**1/55**
	If applicable, second line of Ship From address.				

N3 Address Information

Level: Header
Position: 320
Loop: N1
Status: Optional.
Purpose: To specify the location of the named party.

Within this N1 loop, there is one mandatory iteration and one optional iteration of this N3 segment. The second optional iteration is only utilized if there are three lines of Ship From address information.

N301   Address Information   M   AN   1/55
Third line of Ship From address.

N4 Geographic Location

Level: Header
Position: 330
Loop: N1
Status: Optional.
Purpose: To specify the geographic place of the named party.

N401	**City Name** City name for Ship From address.	**O**	**AN**	**2/30**	
N402	**State or Province Code** State or province code for Ship From address.	**O**	**ID**	**2/2**	
N403	**Postal Code** Postal code for Ship From address.*	**O**	**ID**	**3/15**	
N404	**Country Code** Country code for Ship From address.	**O**	**ID**	**2/3**	

*A few international addresses may have a one or two character postal code. To meet the minimum EDI standard of three characters, a period "." will be used to extend those postal codes to three characters. Examples: 17. or 1..

Example of the N4 segment:

N4~Belfast~~17.~IE|

N1 Name

Level: Header
Position: 300
Loop: N1
Status: The N1 loop is optional, but if utilized, the N1 segment is mandatory.
Purpose: To identify a party by type of organization, name, and code.

Four iterations of this N1 loop are possible within this 860 transaction set. This iteration of the N1 loop is used to provide information identifying the Ship To location.

N101 **Entity Identifier Code**   **M**   **ID**   **2/3**
ST   Ship To

N102 **Name**   **X**   **AN**   **1/60**
Ship To location name.

N103 **Identification Code Qualifier**   **X**   **ID**   **1/2**
92   Assigned by Buyer

N104 **Identification Code**   **X**   **AN**   **2/80**
Buyer-assigned warehouse code for this Ship To location.

N2 Additional Name Information

Level: Header
Position: 310
Loop: N1
Status: Optional.
Purpose: To specify additional name information.

This segment will only be utilized if the Buyer has provided additional Ship To name or reference information.

N201   **Name**   **M**   **AN**   **1/60**
Additional Ship To name or reference information.

N3 Address Information

Level: Header
Position: 320
Loop: N1
Status: Optional.
Purpose: To specify the location of the named party.

Within this N1 loop, there is one mandatory iteration and one optional iteration of this N3 segment. The first mandatory iteration is used to provide one-two lines of Ship To address information.

N301	**Address Information**		**M**	**AN**	**1/55**
	First line of Ship To address.				
N302	**Address Information**		**O**	**AN**	**1/55**
	If applicable, second line of Ship To address.				

N3 Address Information

Level: Header
Position: 320
Loop: N1
Status: Optional.
Purpose: To specify the location of the named party.

> Within this N1 loop, there is one mandatory iteration and one optional iteration of this N3 segment. The second optional iteration is only utilized if there are three lines of Ship To address information.

N301   **Address Information**   **M**   **AN**   **1/55**
Third line of Ship To address.

N4 Geographic Location

Level: Header
Position: 330
Loop: N1
Status: Optional.
Purpose: To specify the geographic place of the named party.

N401	**City Name**		**O**	**AN**	**2/30**
	City name for Ship To address.				
N402	**State or Province Code**		**O**	**ID**	**2/2**
	State or province code for Ship To address.				
N403	**Postal Code**		**O**	**ID**	**3/15**
	Postal code for Ship To address.*				
N404	**Country Code**		**O**	**ID**	**2/3**
	Country code for Ship To address.				

*A few international addresses may have a one or two character postal code. To meet the minimum EDI standard of three characters, a period "." will be used to extend those postal codes to three characters. Examples: 17. or 1..

Example of the N4 segment:

N4~Belfast~~17.~IE|

N1 Name

Level:	Header	
Position:	300	
Loop:	N1	
Status:	The N1 loop is optional, but if utilized, the N1 segment is mandatory.	
Purpose:	To identify a party by type of organization, name, and code.	

Four iterations of this N1 loop are possible within this 860 transaction set. This iteration of the N1 loop is used to provide information identifying the Buying Party.

N101	**Entity Identifier Code**	**M**	**ID**	**2/3**
	BY Buying Party			
N102	**Name**	**X**	**AN**	**1/60**
	Buying Party name.			

N3 Address Information

Level: Header
Position: 320
Loop: N1
Status: Optional.
Purpose: To specify the location of the named party.

Within this N1 loop, there is one mandatory iteration and one optional iteration of this N3 segment. The first mandatory iteration is used to provide one-two lines of Buying Party address information.

N301	**Address Information**	M	AN	1/55
	First line of Buying Party address.			
N302	**Address Information**	O	AN	1/55
	If applicable, second line of Buying Party address.			

N3 Address Information

Level: Header
Position: 320
Loop: N1
Status: Optional.
Purpose: To specify the location of the named party.

Within this N1 loop, there is one mandatory iteration and one optional iteration of this N3 segment. The second optional iteration is only utilized if there are three lines of Buying Party address information.

N301	**Address Information**	**M**	**AN**	**1/55**

Third line of Buying Party address.

N4 Geographic Location

Level: Header
Position: 330
Loop: N1
Status: Optional.
Purpose: To specify the geographic place of the named party.

N401	**City Name**		**O**	**AN**	**2/30**
	City name for Buying Party address.				
N402	**State or Province Code**		**O**	**ID**	**2/2**
	State or province code for Buying Party address.				
N403	**Postal Code**		**O**	**ID**	**3/15**
	Postal code for Buying Party address.*				
N404	**Country Code**		**O**	**ID**	**2/3**
	Country code for Buying Party address.				

*A few international addresses may have a one or two character postal code. To meet the minimum EDI standard of three characters, a period "." will be used to extend those postal codes to three characters. Examples: 17. or 1..

Example of the N4 segment:

N4~Belfast~~17.~IE|

POC   Line Item Change

Level: Detail
Position: 010
Loop: POC
Status: Mandatory.
Purpose: To specify changes to a line item.

> There can be multiple iterations of the POC loop within this 860 transaction set; one iteration per line item of the purchase order. Refer to **Appendix A** for additional details on POC02 values.

POC01 **Assigned Identification** Buyer-assigned line item number.	O	AN	1/20	
POC02 **Change or Response Type Code**	M	ID	2/2	
AI Add Additional Item(s)				
CA Change to Line Items				
DI Delete Item(s)				
NC No Change				
PC Price Change				
RQ Reschedule/Quantity Change				
RS Reschedule				
POC03 **Quantity Ordered** Line item order quantity (same value as POC04).	X	R	1/15	
POC04 **Quantity Left to Receive** Quantity left to receive.	X	R	1/9	
POC05 **Composite Unit of Measure**	X	Composite		
POC0501 **Unit or Basis for Measurement Code** Unit of measure for line item order quantity.	M	ID	2/2	
POC08 **Product/Service ID Qualifier** PN Company Part Number	X	ID	2/2	
POC09 **Product/Service ID** Buyer's item number.	X	AN	1/48	
POC10 **Product/Service ID Qualifier** PD Part Number Description	X	ID	2/2	
POC11 **Product/Service ID** Buyer's item description.	X	AN	1/48	

> To support "legacy" implementations of this transaction set, the Buyer's Item Description is provided in two locations – the POC10/11 elements above, and in a Detail level **PID segment**.

CTP   Pricing Information

Level:	Detail		
Position:	040		
Loop:	CTP		
Status:	The CTP loop is optional, but if utilized, the CTP segment is mandatory.		
Purpose:	To specify pricing information.		

CTP03 Unit Price Line item unit price.	**X**	**R**	**1/17**	
CTP04 Quantity Line item price quantity.	**X**	**R**	**1/15**	
CTP05 Composite Unit of Measure	**X**	**Composite**		
CTP501 Unit or Basis for Measurement Code Unit of measure for line item price quantity.	**M**	**ID**	**2/2**	

PID Product/Item Description

Level: Detail
Position: 050
Loop: PID
Status: The PID loop is optional, but if utilized, the PID segment is mandatory.
Purpose: To describe a product in coded or free-form format.

PID01	**Item Description Type**		M	ID	1/1
	F Free-form format				

PID05	**Description**		X	AN	1/80
	Item Description. Provides a description of the item identified in the **POC09 element**.				

TD5 Carrier Details (Routing Sequence/Transit Time)

Level: Detail
Position: 240
Loop: POC
Status: Optional.
Purpose: To provide a description of the type of carrier.

TD502 Identification Code Qualifier   **X   ID   1/2**
GA   Primary Agent Identification

TD503 Identification Code   **X   AN   2/80**
Text description of carrier type.

Air
Rail
Road
Sea

TD504 Transportation Method/Type Code   **X   ID   1/2**
Code specifying the method or type of transportation for the shipment.

A   Air
R   Rail
M   Road
S   Ocean

TXI Tax Information

Level: Detail
Position: 290
Loop: POC
Status: Optional.
Purpose: To specify tax information.

> The Tax Exempt Code is provided in both the TXI05 and TXI06 elements. The reason for this redundancy is that "legacy" implementations of the 860 transaction set have differed as to the element utilized for this code.
>
> A Supplier can choose which data element of the two they prefer to map the Tax Exempt Code from.

TXI01	**Tax Type Code**	**M**	**ID**	**2/2**
	LS State or Local Tax			
TXI03	**Percent**	**X**	**R**	**1/10**
	100			
TXI04	**Tax Jurisdiction Code Qualifier**	**X**	**ID**	**2/2**
	CD Customer Defined			
TXI05	**Tax Jurisdiction Code**	**X**	**AN**	**1/10**
	0 Exempt (For Export)			
	1 Yes (Tax Exempt)			
	2 No (Not Tax Exempt)			
	3 Exempt (For Resale)			
	C Not Taxable			
TXI06	**Tax Exempt Code**	**X**	**ID**	**1/1**
	0 Exempt (For Export)			
	1 Yes (Tax Exempt)			
	2 No (Not Tax Exempt)			
	3 Exempt (For Resale)			
	C Not Taxable			
TXI09	**Tax Identification Number**	**O**	**AN**	**1/20**
	Tax Exempt Certificate number.			

SCH Line Item Schedule

Level:	Detail	
Position:	295	
Loop:	SCH	
Status:	The SCH loop is optional, but if utilized, the SCH segment is mandatory.	
Purpose:	To specify the data for scheduling a specific line item.	

SCH01 Quantity	**M**	**R**	**1/15**	
Line item order quantity				
SCH02 Unit or Basis for Measurement Code	**M**	**ID**	**2/2**	
Unit of measure for line item order quantity				
SCH05 Date/Time Qualifier	**M**	**ID**	**3/3**	
002 Delivery Requested				
SCH06 Date	**M**	**DT**	**8/8**	
Planned Delivery date. Format is CCYYMMDD.				

Note: BCA recently added a Ship Date on the orders sent to the Exostar 787 SCMP UI. It is not currently available via the integration.

N9   Reference Identification

Level: Detail
Position: 320
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
                Identification Qualifier.

Seven iterations of this N9 loop are possible within this 860 transaction set. This
iteration of this loop is used to provide a Change Order Type Code, if the nature of the
change applies to this line item. A list of Buyer-defined Detail-level Change Order
Type Codes along with their associated POC02 code value is provided in **Appendix
A**.

N901	**Reference Identification Qualifier**		M	ID	**2/3**
	C4 Change Number				
N902	**Reference Identification**		X	AN	**1/30**
	Buyer-defined Change Order Type code.				
N903	**Free-form Description**		X	AN	**1/45**
	Text description of Change Order Type.				

N9   Reference Identification

Level:	Detail
Position:	320
Loop:	N9
Status:	The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier.

Seven iterations of this N9 loop are possible within this 860 transaction set. This iteration of this loop is used to provide the Line Item Sequence number.

N901	**Reference Identification Qualifier**	**M**	**ID**	**2/3**
	55 Sequence Number			

N902	**Reference Identification**	**X**	**AN**	**1/30**
	Line Item Sequence number.			

N9   Reference Identification

Level: Detail
Position: 320
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
             Identification Qualifier.

Seven iterations of this N9 loop are possible within this 860 transaction set. This
iteration of this loop is used to provide text information that further describes the Tax
Exempt Status Code provided in the **TXI05** or **TXI06** element.

N901   **Reference Identification Qualifier**   **M**   **ID**   **2/3**
           TX   Tax Exempt

N902   **Reference Identification**   **X**   **AN**   **1/30**
           Text information related to the Tax Exempt Status code.

Usage examples for the N902 element:

Exempt-ForExport
Yes-TaxExempt
No-NotTaxExempt
Exempt-ForResale
NotTaxable

N9   Reference Identification

Level: Detail
Position: 320
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
            Identification Qualifier.

Seven iterations of this N9 loop are possible within this 860 transaction set. This
iteration of this loop is used to provide the Contract Number/Contract Line Item
Position Number.

N901	**Reference Identification Qualifier**		**M**	**ID**	**2/3**
	CT Contract Number				
N902	**Reference Identification**		**X**	**AN**	**1/30**
	Contract Number that applies to this line item.				
N903	**Free-form Description**		**X**	**AN**	**1/45**
	Contract Line Item Position Number.				

To support "legacy" implementations of this transaction set, Contract Line
Item Number appears in two Detail-level N9 segments – as the N903
element above, and as the N902 element in the N9~C7 segment (refer
following page).

N9 Reference Identification

Level: Detail
Position: 320
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
            Identification Qualifier.

> Seven iterations of this N9 loop are possible within this 860 transaction set. This
> iteration of this loop is used to provide the Contract Line Item Position Number.

N901	**Reference Identification Qualifier**	**M**	**ID**	**2/3**
	C7 Contract Line Item Number			
N902	**Reference Identification**	**X**	**AN**	**1/30**
	Contract Line Item Position Number that applies to this line item.			

> To support "legacy" implementations of this transaction set, Contract Line
> Item Position Number appears in two Detail-level N9 segments – as the
> N902 element above, and as the N903 element in the N9~CT segment
> (refer previous page).

N9 Reference Identification

Level: Detail
Position: 320
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
             Identification Qualifier.

Seven iterations of this N9 loop are possible within this 860 transaction set. This
iteration of this loop is used to provide text notes that pertain to this line item. The
value of this N9 loop will be LINE TEXT.

N901 **Reference Identification Qualifier**   **M**   **ID**   **2/3**
L1   Letters or Notes

N902 **Reference Identification**   **X**   **AN**   **1/30**
This element will contain one of the following text values:

LINE TEXT

MSG Message Text

Level: Detail
Position: 330
Loop: N9
Status: Optional.
Purpose: To provide a free-form format that allows the transmission of text
                information.

There can be multiple iterations of the MSG segment within this specific N9 loop.
Each iteration will contain a line of text notes that apply to this specific line item.

MSG01 Free-Form Message Text   **M**   **AN**   **1/264**
Text note that pertains to this line item.

N9   Reference Identification

Level: Detail
Position: 320
Loop: N9
Status: The N9 loop is optional, but if utilized, the N9 segment is mandatory.
Purpose: To transmit identifying information as specified by the Reference
                Identification Qualifier.

Seven iterations of this N9 loop are possible within this 860 transaction set. The
seventh iteration of this loop is used to provide text information notes that further
qualify the Tax Exempt Certificate identified in the **TXI09 element**. The value of this
N9 loop will be TAX EXEMPT CERT TEXT.

N901	**Reference Identification Qualifier**		**M**	**ID**	**2/3**
	L1 Letters or Notes				
N902	**Reference Identification**		**X**	**AN**	**1/30**
	This element will contain one of the following text values:				

TAX EXEMPT CERT TEXT

MSG Message Text

Level:	Detail
Position:	330
Loop:	N9
Status:	Optional.
Purpose:	To provide a free-form format that allows the transmission of text information.

MSG01 Free-Form Message Text   **M   AN   1/264**

Text information related to the Tax Exempt Certificate.

N1 Name

Level: Detail
Position: 340
Loop: N1
Status: The N1 loop is optional, but if utilized, the N1 segment is mandatory.
Purpose: To identify a party by type of organization, name, and code.

One iteration of this N1 loop is possible within this 860 transaction set. This iteration is used to provide information identifying the Ship To location for this specific line item.

N101	**Entity Identifier Code**		**M**	**ID**	**2/3**
	ST Ship To				
N102	**Name**		**X**	**AN**	**1/60**
	Ship To location name.				
N103	**Identification Code Qualifier**		**X**	**ID**	**1/2**
	92 Assigned by Buyer				
N104	**Identification Code**		**X**	**AN**	**2/80**
	Buyer-assigned warehouse code for this Ship To location.				

N2 Additional Name Information

Level: Detail
Position: 350
Loop: N1
Status: Optional.
Purpose: To specify additional name information.

This segment will only be utilized if the Buyer has provided additional Ship To name or reference information.

N201   **Name**   **M**   **AN**   **1/60**
Ship To address code.

N3 Address Information

Level: Detail
Position: 360
Loop: N1
Status: Optional.
Purpose: To specify the location of the named party.

> Within this N1 loop, there is one mandatory iteration and one optional iteration of this N3 segment. The first mandatory iteration is used to provide one-two lines of Ship To address information.

N301	**Address Information**	**M**	**AN**	**1/55**
	First line of Ship To address.			
N302	**Address Information**	**O**	**AN**	**1/55**
	If applicable, second line of Ship To address.			

N3 Address Information

Level: Detail
Position: 360
Loop: N1
Status: Optional.
Purpose: To specify the location of the named party.

> Within this N1 loop, there is one mandatory iteration and one optional iteration of this N3 segment. The second optional iteration is only utilized if there are three lines of Ship To address information.

N301	**Address Information**	**M**	**AN**	**1/55**
	Third line of Ship To address.			

N4 Geographic Location

Level: Detail
Position: 370
Loop: N1
Status: Optional.
Purpose: To specify the geographic place of the named party.

N401	**City Name** City name for Ship To address.	**O**	**AN**	**2/30**
N402	**State or Province Code** State or province code for Ship To address.	**O**	**ID**	**2/2**
N403	**Postal Code** Postal code for Ship To address.*	**O**	**ID**	**3/15**
N404	**Country Code** Country code for Ship To address.	**O**	**ID**	**2/3**

*A few international addresses may have a one or two character postal code.
To meet the minimum EDI standard of three characters, a period "." will be used
to extend those postal codes to three characters. Examples: 17. or 1..

Example of the N4 segment:

N4~Belfast~~17.~IE|

AMT Monetary Amount

Level: Detail
Position: 590
Loop: AMT
Status: The AMT loop is optional, but if utilized, the AMT segment is mandatory.
Purpose: To indicate the total monetary amount.

AMT01	**Amount Qualifier Code**	**M**	**ID**	**1/3**

      1   Line Item Total

AMT02	**Monetary Amount**	**M**	**R**	**1/18**

     Total value for this line item.

CTT Transaction Totals

Level: Summary
Position: 010
Loop: CTT
Status: The CTT loop is optional, but if utilized, the CTT segment is mandatory.
Purpose: To transmit a hash total for a specific element in the transaction set.

CTT01 Number of Line Items   **M   N0   1/6**
Total number of line items (**POC segments**).

CTT02 Hash Total   **O   R   1/10**
Total quantity of items ordered (sum of **POC03 elements**).

AMT Monetary Amount

Level: Summary
Position: 020
Loop: CTT
Status: Optional.
Purpose: To indicate the total monetary amount.

AMT01 Amount Qualifier Code   **M**   **ID**   **1/3**
    TT   Total Transaction Amount

AMT02 Monetary Amount   **M**   **R**   **1/18**
Total value for the entire Purchase Order. Determined
by multiplying Order Quantity x Unit Price for each line
item, and then summing each line item calculation.

SE Transaction Set Trailer

Level: Summary
Position: 030
Loop: N/A
Status: Mandatory.
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).

SE01 **Number of Included Segments**   **M**   **N0**   **1/10**
Total number of segments from ST to SE inclusive.

SE02 **Transaction Set Control Number**   **M**   **AN**   **4/9**
Same value as the **ST02 element**.

GE Functional Group Trailer

Level: N/A
Position: N/A
Loop: N/A
Status: Mandatory.
Purpose: To indicate the end of a functional group and to provide specific control information.

GE01 **Number of Transaction Sets Included**   **M**   **N0**   **1/6**
Total number of Purchase Order Change (860) transactions in this functional group.

GE02 **Group Control Number**   **M**   **N0**   **1/9**
Same value as the **GS06 element**.

IEA Interchange Control Trailer

Level: N/A
Position: N/A
Loop: N/A
Status: Mandatory.
Purpose: To define the end of an interchange of one or more functional groups
                and interchange-related control segments.

IEA01 Number of Included Functional Groups   M   N0   1/5
Total number of functional groups in this interchange.

IEA02 Interchange Control Number   M   N0   9/9
Same value as the **ISA13 element**.

Appendix A

A. List of Buyer-specific formats for Purchase Order Number:

    1. <u>Boeing Commercial Airplanes (BCA)</u>

        12-characters. The first three characters are the ERP Company Number. The remaining nine-characters are the order number (which may contain leading zeroes).

        Note that the ERP Company Number is the same three-character value that is provided as the Originating Company Identifier (Header-level **<u>N902 element</u>**, where N901 = 8M).

B. List of Buyer-Defined Change Order Type Codes:

    2. <u>Boeing Commercial Airplanes (BCA)</u>

        <u>Header-level Change Order Type Codes</u>

        C09   Header Change
        C10   Cancel Order
        C11   Warehouse/Address Change

        <u>Detail-level Change Order Type Codes</u>

Change Code (N902)	Item Change Description (N903)	EDI Change Type Code (POC02)
C01	Quantity Change	CA
C02	Schedule Change	RS
C03	Quantity & Schedule Change	RQ
C04	Price Change	PC
C05	Add Line	AI
C06	Cancel Line	DI
C08	Miscellaneous Line Change	CA
C12	Warehouse/Address Change	CA
C14	No Change	NC*
C15	Close Line	CA**

        * C14 "No Change" was made to the line item, however, if a header change is present then it would still apply
        ** C15 "Close Line" has been added to the Detail-level Change Order Type Code list which indicates that Boeing has Closed the designated line and will not accept further shipments against the line.

Sample 860 POC Transactions

Warehouse Change at Header, Reschedule at Detail

```
ISA~00~        ~00~        ~ZZ~EXOSTAR ID    ~ZZ~SUPPLIER ID
~121015~0900~U~00401~000000001~0~P^|
GS~PC~EXOSTAR ID~SUPPLIER ID~20121015~0900~00001~X~004010|
ST~860~0001|
BCH~04~CP~PONUMBER~0001~C11~20121015~~~~~20121020|
PER~BD~BUYER NAME~TE~555-555-5555|
FOB~DF~OR~FOB Origin of Shipment|
ITD~~~2~~10~~30~~~~~Payment Terms Description|
N9~C4~C11~Warehouse/Address Change|
N9~L1~Purchase Order Type|
MSG~Discrete Purchase Order|
N9~L1~HEADER TEXT|
MSG~LINE 1 OF HEADER TEXT|
MSG~LINE 2 OF HEADER TEXT|
N9~8M~680|
N1~SU~SUPPLIER NAME~92~SUPPLIERCODE|
N2~JANE DOE~VP OF SALES|
N1~SF~SHIP FROM LOCATION ENTITY NAME|
N3~STREET ADDRESS1~STREET ADDRESS2|
N3~STREET ADDRESS3|
N4~BOSTON~MA~00901~US|
N1~ST~SHIP TO LOCATION NAME~92~WHSECODE|
N2~SHIP TO NAME OR RECEIPT CODE|
N3~STREET ADDRESS1~STREET ADDRESS2|
N3~STREET ADDRESS3|
N4~SAN DIEGO~CA~90244~US|
N1~BY~BOEING COMMERCIAL AIRPLANES|
N3~STREET ADDRESS1~STREET ADDRESS2|
N3~STREET ADDRESS3|
N4~SEATTLE~WA~98124~US|
POC~0001~RS~10~10~EA~~~PN~ BUYER-ITEM-NBR ~PD~ITEM DESCRIPTION|
CTP~~~50~10~EA|
PID~F~~~~ITEM DESCRIPTION|
TD5~~GA~Air~A|
TXI~LS~~100~CD~3~3~~~A00 0760 13|
SCH~10~EA~~~002~20121022|
N9~C4~C02~Schedule Change|
N9~55~1|
N9~TX~Exempt-ForResale|
N9~CT~CONTRACT NUMBER~CONTRACT LINE NUMBER|
N9~C7~CONTRACT LINE NUMBER|
N9~L1~LINE TEXT|
MSG~DELIVERY DATE MOVED UP 10 DAYS|
MSG~ADDITIONAL LINES OF LINE ITEM TEXT|
N9~TX~Exempt-ForResale|
N9~L1~TAX EXEMPT CERT TEXT|
```

MSG~Streamlined Sales and Use Tax Agreement Certificate of Exemption|
MSG~This is a multi-state form. Not all states allow all exemptions listed on this|
MSG~form. Purchasers are responsible for knowing if they qualify to claim exemption|
MSG~from tax in the state that would otherwise be due tax on this sale. The seller|
MSG~may be required to provide this exemption certificate (or the data elements|
MSG~required on the form) to a state that would otherwise be due tax on this sale.|
MSG~The purchaser will be held liable for any tax and interest, and possibly civil|
MSG~and criminal penalties imposed by the member state, if the purchaser is not|
MSG~eligible to claim this exemption. A seller may not accept a certificate of|
MSG~exemption for an entity based exemption on a sale made at a location operated|
MSG~by the seller within the designated state if the state does not allow such an|
MSG~entity based exemption.|
MSG~1. WA|
MSG~2. Single Purchase Certificate|
MSG~3. Purchasers Tax ID: A00 0760 13|
MSG~4. Type of business: Our principal business or activity is manufacturing|
MSG~aircraft and aerospace products.|
MSG~5. Reason for exemption: Resale|
MSG~6. I declare that the information on this certificate is correct and complete|
MSG~to the best of my knowledge and belief. (Please see contract for signature)|
AMT~1~500|
CTT~1~10|
AMT~TT~500|
SE~67~0001|
GE~1~00001|
IEA~1~000000001|

Warehouse Change at Header, C14 No Change at Detail

C14 Code Highlighted

```
ISA~00~      ~00~      ~12~4252660502   ~ZZ~SUPPLIERID
~121029~0222~U~00401~000001829~0~P~^|
GS~PC~4252660502~SUPPLIERID~20121029~0222~000001829~X~004010|
ST~860~000001829|
BCH~04~CP~628000333333~0001~C11~20121003~~~~~20121003|
PER~BD~Buyer Contact Name~TE~799-555-1212|
FOB~DF~OR~Special Terms, See Notes|
ITD~~~0.38~~10~~30~~~~~3/8% 10 Days, Net 30|
N9~C4~C11~Warehouse/Address Change|
N9~L1~Purchase Order Type|
MSG~Discrete Purchase Order|
N9~8M~628|
N9~L1~HEADER TEXT|
MSG~10-03-2012 @ 07:15 Mass Change of Orders by: xxxxxx|
MSG~Header Warehouse changed to: 111KWZ|
MSG~example of one use of the C14 code|
N1~SU~SUPPLIER NAME~92~SUPPLIERCODE|
N2~SUPPLIER CONTACT NAME~SUPPLIER REF INFO|
N1~SF~SUPPLIER NAME|
N3~SUPPLIER STREET1~SUPPLIER STREET2|
N3~SUPPLIER STREET3|
N4~HERNDON~VA~89898-0080~US|
N1~ST~NEW BREED/BCA 787 PROGRAM WH Z1901~92~111KWZ|
N2~Z1901NB|
N1~ST~SHIP TO LOCATION NAME~92~111KWZ|
N2~SHIP TO NAME OR RECEIPT CODE|
N3~STREET ADDRESS1~STREET ADDRESS2|
N3~STREET ADDRESS3|
N4~EVERETT~WA~98204~US|
N1~BY~BOEING COMMERCIAL AIRPLANES|
N3~PO BOX 3707|
N4~SEATTLE~WA~98124~US|
POC~0001~NC~1~1~EA~~~PN~PartX-4~PD~Part description of PartX-4|
CTP~~~136~1~EA|
PID~F~~~~Part description of PartX-4|
TD5~~GA~Road~M|
TXI~LS~~100~CD~3~3~~~A00 0760 13|
SCH~1~EA~~~002~20121101|
N9~C4~C14~No Change|
N9~55~1|
N9~CT~000999032~20|
N9~C7~20|
N9~TX~Exempt-ForResale|
N9~L1~LINE TEXT|
MSG~Other text as needed|
N9~L1~TAX EXEMPT CERT TEXT|
MSG~Streamlined Sales and Use Tax Agreement Certificate of Exemption|
MSG~This is a multi-state form. Not all states allow all exemptions listed on this|
MSG~form. Purchasers are responsible for knowing if they qualify to claim exemption|
```

MSG~from tax in the state that would otherwise be due tax on this sale. The seller|
MSG~may be required to provide this exemption certificate (or the data elements|
MSG~required on the form) to a state that would otherwise be due tax on this sale.|
MSG~The purchaser will be held liable for any tax and interest, and possibly civil|
MSG~and criminal penalties imposed by the member state, if the purchaser is not|
MSG~eligible to claim this exemption. A seller may not accept a certificate of|
MSG~exemption for an entity based exemption on a sale made at a location operated|
MSG~by the seller within the designated state if the state does not allow such an|
MSG~entity based exemption.|
MSG~1. WA|
MSG~2. Single Purchase Certificate|
MSG~3. Purchasers Tax ID: A00 0760 13|
MSG~4. Type of business: Our principal business or activity is manufacturing|
MSG~aircraft and aerospace products.|
MSG~5. Reason for exemption: Resale|
MSG~6. I declare that the information on this certificate is correct and complete|
MSG~to the best of my knowledge and belief. (Please see contract for signature)|
AMT~1~136|
CTT~1~1|
AMT~TT~136|
SE~65~000001829|
GE~1~000001829|
IEA~1~000001829|

C15 Close Line - Change Order Type Code at Detail

ISA~00~   ~00~   ~12~4252660502   ~ZZ~SUPPLIERID
~160301~2238~U~00401~000003478~0~T~^|
GS~PC~ERPTEST~SUPPLIERID~20160301~2238~000003478~X~004010|
ST~860~000003478|
BCH~04~CP~628000444444~0001~~20160101~~~~~20160301|
PER~BD~Buyer Contact Name~TE~799-555-1212|
FOB~DF~OR~Special Terms, See Notes|
ITD~~~0.38~~10~~30~~~~~3/8% 10 Days, Net 30|
N9~L1~Purchase Order Type|
MSG~Discrete Purchase Order|
N9~8M~628|
N1~SU~SUPPLIER NAME~92~SUPPLIERCODE|
N2~SUPPLIER CONTACT NAME~SUPPLIER REF INFO|
N1~SF~SUPPLIER NAME|
N3~SUPPLIER STREET1~SUPPLIER STREET2|
N3~SUPPLIER STREET3|
N4~HERNDON~VA~89898-0080~US|
N1~ST~SHIP TO LOCATION NAME~92~WHSECODE|
N2~SHIP TO NAME2 OR RECEIPT CODE|
N3~STREET ADDRESS1~STREET ADDRESS2|
N3~STREET ADDRESS3|
N4~EVERETT~WA~98204~US|
N1~BY~BOEING COMMERCIAL AIRPLANES|
N3~PO BOX 3707|
N4~SEATTLE~WA~98124~US|
POC~0001~CA~1~1~EA~~~PN~PartX-4~PD~Part description of PartX-4|
CTP~~~136~1~EA|
PID~F~~~~Part description of PartX-4|
TD5~~GA~Road~M|
TXI~LS~~100~CD~3~3~~~A00 0760 13|
SCH~1~EA~~~002~20161101|
N9~C4~C15~Close Line|
N9~55~1|
N9~CT~000999032~20|
N9~C7~20|
N9~TX~Exempt-ForResale|
N9~L1~LINE TEXT|
MSG~Other text as needed|
N9~L1~TAX EXEMPT CERT TEXT|
MSG~Streamlined Sales and Use Tax Agreement Certificate of Exemption|
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MSG~to the best of my knowledge and belief. (Please see contract for signature)|
AMT~1~136|
CTT~1~1|
AMT~TT~136|
SE~60~000003478|
GE~1~000003478|
IEA~1~000003478|