Indigo Books & Music Inc. - Trade Books

X12/V4010/860 : 860 Purchase Order Change Request - Buyer Initiated

Version: 2 Final

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860 Purchase Order Change Request - Buyer Initiated

Functional Group=PC

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

Not Defined:

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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
080	FOB	F.O.B. Related Instructions	M	>1			Must use
110	CSH	Sales Requirements	M	5			Must use
150	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					**200**		
300	N1	Name	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - POC					**>1**		
010	POC	Line Item Change	M	1			Must use
LOOP ID - PID					**1000**		
050	PID	Product/Item Description	M	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/010L**	
010	CTT	Transaction Totals	M	1		N3/010	Must use
030	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/010L   Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

3/010   Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

User Note 1:

Change History:

November 2020:
Changed usage of N1_03 from Relational to Mandatory
Add additional qualifiers in the POC_02
AI - Add Additional Item
CT- Change of Dates
PC - Price Change
QD - Quantity Decrease
QI - Quantity Increase

July 2024:
Add Usage Note for POC_02. Indigo only expects the DI - Delete Item (s) to be transmitted

ISA   Interchange Control Header

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 16**

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information

All valid standard codes are used. (Total Codes: 7)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Security Information

All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information**	M	AN	10/10	Must use

Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
12	Phone (Telephone Companies)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

User Note 1:
4163644499

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

All valid standard codes are used. (Total Codes: 38)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
All valid standard codes are used. (Total Codes: 1)

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 14, Included: 1)

<u>Code</u>	<u>Name</u>
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)
All valid standard codes are used. (Total Codes: 2)

ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information
All valid standard codes are used. (Total Codes: 3)

ISA16	I15	**Component Element Separator**	M		1/1	Must use

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

GS   Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 240, Included: 1)

Code	Name
PC	Purchase Order Change Request - Buyer Initiated (860)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

User Note 1:
4163644499

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS05	337	**Time**	M	TM	4/8	Must use

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480
All valid standard codes are used. (Total Codes: 2)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 39, Included: 1)

<u>Code</u>	<u>Name</u>
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Semantics:

1. GS04 is the group date.

2. GS05 is the group time.

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

Comments:

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

ST   Transaction Set Header

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

User Option (Usage): Must use
Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code	Name
860	Purchase Order Change Request - Buyer Initiated

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

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

BCH   Beginning Segment for Purchase Order Change

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 2)

Code	Name
01	Cancellation
04	Change

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH02	92	**Purchase Order Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of Purchase Order

CodeList Summary (Total Codes: 69, Included: 1)

Code	Name
CP	Change to Purchase Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH03	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH11	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH11 is the date of the purchase order change request.

FOB F.O.B. Related Instructions

Pos: 080	**Max: >1**
Heading - Mandatory	
Loop: N/A	**Elements: 5**

User Option (Usage): Must use

Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 28, Included: 1)

Code	Name
DE	Per Contract

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB04	334	**Transportation Terms Qualifier Code**	O	ID	2/2	Used

Description: Code identifying the source of the transportation terms
All valid standard codes are used. (Total Codes: 3)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB05	335	**Transportation Terms Code**	X	ID	3/3	Used

Description: Code identifying the trade terms which apply to the shipment transportation responsibility

CodeList Summary (Total Codes: 25, Included: 13)

Code	Name
CFR	Cost and Freight
CIF	Cost, Insurance, and Freight
CIP	Carriage and Insurance Paid To
CPT	Carriage Paid To
DAF	Delivered at Frontier
DDP	Delivered Duty Paid
DDU	Deliver Duty Unpaid
DEQ	Delivered Ex Quay
DES	Delivered Ex Ship
EXW	Ex Works
FAS	Free Alongside Ship
FCA	Free Carrier
FOB	Free on Board

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB06	309	**Location Qualifier**	X	ID	1/2	Must use

Description: Code identifying type of location

CodeList Summary (Total Codes: 172, Included: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB07	352	**Description**	O	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content
User Note 1:

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
		Example: FOB*DE***01*CFR*ZZ*BRAMPTON				

Syntax Rules:

1. C0405 - If FOB04 is present, then FOB05 is required.
2. C0706 - If FOB07 is present, then FOB06 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB06 is the code specifying the title passage location.

CSH Sales Requirements

Pos: 110	**Max: 5**
Heading - Mandatory	
Loop: N/A	**Elements: 1**

User Option (Usage): Must use

Purpose: To specify general conditions or requirements of the sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CSH01	563	**Sales Requirement Code**	M	ID	1/2	Must use

Description: Code to identify a specific requirement or agreement of sale

CodeList Summary (Total Codes: 54, Included: 3)

Code	Name
N	No Back Order
O	Back Order If Items Are Out of Stock or Not Yet Published
Y	Back Order if Out of Stock

DTM   Date/Time Reference

Pos: 150	**Max: 10**
Heading - Optional	
Loop: N/A	**Elements: 2**

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

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

           CodeList Summary (Total Codes: 1112, Included: 2)

Code	Name
001	Cancel After
002	Delivery Requested

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

           Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

User Note 1:

For future use only

Loop Name

Pos: 300	**Repeat: 200**
Mandatory	
Loop: N1	**Elements: N/A**

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
300	N1	Name	M	1		Must use

N1 **Name**

Pos: 300	**Max: 1**
Heading - Mandatory	
Loop: N1	**Elements: 4**

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 4)

Code	Name
BT	Bill-to-Party
FS	Final Scheduled Destination
ST	Ship To
VN	Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	O	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	M	ID	1/2	Must use

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

CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
15	Standard Address Number (SAN)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	M	AN	2/80	Must use

Description: Code identifying a party or other code

Syntax Rules:

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.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Loop Line Item Change

<table>
<tr><td>Pos: 010</td><td>Repeat: >1</td></tr>
<tr><td colspan="2">Mandatory</td></tr>
<tr><td colspan="2">Loop: POC   Elements: N/A</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify changes to a line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	POC	Line Item Change	M	1		Must use
050		Loop PID	M		1000	Must use

POC   Line Item Change

Pos: 010   Max: 1
Detail - Mandatory
Loop: POC   Elements: 10

User Option (Usage): Must use

Purpose: To specify changes to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC01	350	**Assigned Identification**	M	AN	1/20	Must use

Description: Alphanumeric characters assigned for differentiation within a transaction set

POC02	670	**Change or Response Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of change to the line item

User Note 1: *For the Indigo Trade/Book Line of Business, Indigo only expects the POC02 segment to be transmitted with the "DI" qualifier.*

CodeList Summary (Total Codes: 29, Included: 6)

Code Name

AI	Add Additional Item(s)
CT	Change of Dates
DI	Delete Item(s)
PC	Price Change
QD	Quantity Decrease
QI	Quantity Increase

POC03	330	**Quantity Ordered**	M	R	1/15	Must use

Description: Quantity ordered

POC04	671	**Quantity Left to Receive**	M	R	1/9	Must use

Description: Quantity left to receive as qualified by the unit of measure

POC05	C001	**Composite Unit of Measure**	M	Comp		Must use

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

POC05-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 794, Included: 1)

Code Name

EA   Each

POC06	212	**Unit Price**	M	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

POC08	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use

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

| | | **CodeList Summary** (Total Codes: 477, Included: 2) | | | | |

Code **Name**
EN   European Article Number (EAN) (2-5-5-1)
UP   U.P.C. Consumer Package Code (1-5-5-1)

| POC09 | 234 | **Product/Service ID** | M | AN | 1/48 | Must use |

Description: Identifying number for a product or service

| POC10 | 235 | **Product/Service ID Qualifier** | M | ID | 2/2 | Must use |

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

CodeList Summary (Total Codes: 477, Included: 1)

Code **Name**
MG   Manufacturer's Part Number

| POC11 | 234 | **Product/Service ID** | X | AN | 1/48 | Must use |

Description: Identifying number for a product or service

Syntax Rules:

1. C030405 - If POC03 is present, then POC04 and POC05 are required.
2. C0706 - If POC07 is present, then POC06 is required.
3. P0809 - If either POC08 or POC09 is present, then the other is required.
4. P1011 - If either POC10 or POC11 is present, then the other is required.
5. P1213 - If either POC12 or POC13 is present, then the other is required.
6. P1415 - If either POC14 or POC15 is present, then the other is required.
7. P1617 - If either POC16 or POC17 is present, then the other is required.

Semantics:

1. POC01 is the purchase order line item identification.

Loop Product/Item Description

<div style="border:1px solid black">

Pos: 050   Repeat: 1000

Mandatory

Loop: PID   Elements: N/A

</div>

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
050	PID	Product/Item Description	M	1		Must use

PID   Product/Item Description

Pos: 050   Max: 1
Detail - Mandatory
Loop: PID   Elements: 2

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use

Description: Code indicating the format of a description

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	352	**Description**	M	AN	1/80	Must use

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

Syntax Rules:

1. R0405 - At least one of PID04 or PID05 is required.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.

Loop Transaction Totals

Pos: 010   **Repeat: 1**

Mandatory

Loop: CTT   **Elements: N/A**

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	CTT	Transaction Totals	M	1		Must use

CTT Transaction Totals

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Mandatory</td></tr>
<tr><td>Loop: CTT</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use

        Description: Total number of line items in the transaction set

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

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

SE   Transaction Set Trailer

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

User Option (Usage): Must use

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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

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