

Harbor Foodservice 879 Price Information

X12/V5010/879 : 879 Price Information

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Notes:	

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879 Price Information

Functional Group=QG

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Price Information Transaction Set (879) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable a manufacturer, supplier, broker, or agent to provide a trading partner with pricing information.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	G91	Price Change Status	M	1			Must use
LOOP ID - 0100					<u>1</u>		
0400	N1	Party Identification	M	1			Must use
1000	G61	Contact	O	1			Used
1100	NTE	Note/Special Instruction	O	20			Used
1200	G36	Price List Reference	M	1			Must use
1600	G62	Date/Time	M	10			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - 0200					<u>>1</u>		
0200	G28	Line Item Numbers	M	1			Must use
0250	G20	Item Packing Detail	O	1			Used
0300	G69	Line Item Detail - Description	M	5			Must use
0450	G43	Promotion/Price List Area	O	9999			Used
0550	G62	Date/Time	C	4			Used
0560	G46	Promotion Allowance/Charge	C	100			Used
LOOP ID - 0210					<u>100</u>		
0650	G40	Bracket Price	C	1			Must use
0700	SE	Transaction Set Trailer	M	1			Must use

ST Transaction Set Header

Pos: 0100	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:

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

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 318, Included: 1)

Code Name

879 Price Information

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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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) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

G91 Price Change Status

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To enable the supplier/broker to change pricing information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G9101	259	Change Type Code	M	ID	1/1	Must use

Description: Code indicating change type

CodeList Summary (Total Codes: 21, Included: 3)

Code Name

- B Original Price Change Transaction
- K Replace Prices Shown In A Previous Change Transaction
- W New

Loop Party Identification

Pos: 0400	Repeat: 1
Mandatory	
Loop: 0100	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0400	N1	Party Identification	M	1		Must use

N1 Party Identification

Pos: 0400	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

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

Element Summary:

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

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

CodeList Summary (Total Codes: 1500, Included: 1)

Code Name

VN Vendor

N102	93	Name	M	AN	1/60	Must use
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Description: Free-form name

User Note 1: *Vendor Name*

N103	66	Identification Code Qualifier	M	ID	1/2	Must use
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 241, Included: 1)

Code Name

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	M	AN	2/80	Must use
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Description: Code identifying a party or other code

User Note 1: *Harbor Foodservice Assigned Vendor Number - Max 50 characters*

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.
2. N105 and N106 further define the type of entity in N101.

G61 Contact

Pos: 1000	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6101	366	Contact Function Code	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 238, Included: 1)

<u>Code</u>	<u>Name</u>
IC	Information Contact

G6102	93	Name	M	AN	1/60	Must use
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Description: Free-form name

G6103	365	Communication Number Qualifier	C	ID	2/2	Used
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Description: Code identifying the type of communication number

User Note 1: *If G6103 is sent, G6104 must also be sent.*

CodeList Summary (Total Codes: 42, Included: 1)

<u>Code</u>	<u>Name</u>
TE	Telephone

G6104	364	Communication Number	C	AN	1/256	Used
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Description: Complete communications number including country or area code when applicable

User Note 1: *If G6103 is sent, G6104 must also be sent.*

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

NTE Note/Special Instruction

Pos: 1100	Max: 20
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NTE01	363	Note Reference Code	M	ID	3/3	Must use

Description: Code identifying the functional area or purpose for which the note applies

CodeList Summary (Total Codes: 348, Included: 1)

Code Name

GEN Entire Transaction Set

NTE02	352	Description	M	AN	1/80	Must use
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Description: A free-form description to clarify the related data elements and their content

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

G36 Price List Reference

Pos: 1200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To provide price list references and descriptions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G3601	439	Price List Number	M	AN	1/16	Must use
		Description: Identification number assigned by a vendor to a price list				
G3603	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Semantics:

1. G3603 is the issue date of the price list.

G62 Date/Time

Pos: 1600	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	M	ID	2/2	Must use

Description: Code specifying type of date

User Note 1: *At least one date type must be included*

CodeList Summary (Total Codes: 139, Included: 4)

<u>Code</u>	<u>Name</u>
07	Effective Date
87	First Order Date
88	First Ship Date
89	First Arrival Date

G6202	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

Loop Line Item Numbers

Pos: 0200 Repeat: >1
 Mandatory
 Loop: 0200 Elements: N/A

User Option (Usage): Must use

Purpose: To provide basic product identification information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0200	G28	Line Item Numbers	M	1		Must use
0250	G20	Item Packing Detail	O	1		Used
0300	G69	Line Item Detail - Description	M	5		Must use
0450	G43	Promotion/Price List Area	O	9999		Used
0550	G62	Date/Time	C	4		Used
0560	G46	Promotion Allowance/Charge	C	100		Used
0650		Loop 0210	C		100	Used

G28 Line Item Numbers

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 6

User Option (Usage): Must use

Purpose: To provide basic product identification information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G2801	438	U.P.C. Case Code	C	AN	12/12	Used

Description: Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)

User Note 1: *At least one of G2801, G2802, G2804 (G2803=UK or VN) must be provided*

G2802	766	U.P.C./EAN Consumer Package Code	C	AN	12/12	Used
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Description: Code (Universal Product Code - U.P.C.) identifying the retail shelf unit; consists of 2 high order digits identifying the system (U.S. Grocery = 00, 06 or 07, U.S. Drug = 03); the next ten digits are manufacturer ID: 5, Item ID: 5

User Note 1: *At least one of G2801, G2802, G2804 (G2803=UK or VN) must be provided*

G2803	235	Product/Service ID Qualifier	C	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 2)

Code Name

- UK GTIN 14-digit Data Structure
- VN Vendor's (Seller's) Item Number

G2804	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service

User Note 1: *At least one of G2801, G2802, G2804 (G2803=UK or VN) must be provided*

GTIN (G2803 or G2805=UK) is preferred, but if not available a vendor number (G2803 or G2805=VN) must be sent.

G2805	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 2)

Code Name

- UK GTIN 14-digit Data Structure
- VN Vendor's (Seller's) Item Number

G2806	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

User Note 1: *GTIN (G2803 or G2805=UK) is preferred, but if not available a vendor number (G2803 or G2805=VN) must be sent.*

Syntax Rules:

1. R010203 - At least one of G2801, G2802 or G2803 is required.
2. P0304 - If either G2803 or G2804 is present, then the other is required.
3. P0506 - If either G2805 or G2806 is present, then the other is required.

G20 Item Packing Detail

Pos: 0250 Max: 1
 Detail - Optional
 Loop: 0200 Elements: 4

User Option (Usage): Used

Purpose: To specify packing details of the items shipped

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G2001	356	Pack	O	N0	1/6	Used

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

G2002	357	Size	O	R	1/8	Used
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Description: Size of supplier units in pack

G2003	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
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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: 844, Included: 8)

Code Name

- BX Box
- CA Case
- CT Carton
- DZ Dozen
- EA Each
- KT Kit
- LB Pound
- RL Roll

G2009	810	Inner Pack	O	N0	1/6	Used
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Description: The number of eaches per inner container

Syntax Rules:

1. P0203 - If either G2002 or G2003 is present, then the other is required.
2. P0405 - If either G2004 or G2005 is present, then the other is required.
3. P0607 - If either G2006 or G2007 is present, then the other is required.

G69 Line Item Detail - Description

Pos: 0300	Max: 5
Detail - Mandatory	
Loop: 0200	Elements: 1

User Option (Usage): Must use

Purpose: To describe an item in free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6901	369	Free-form Description	M	AN	1/45	Must use

Description: Free-form descriptive text

G43 Promotion/Price List Area

Pos: 0450	Max: 9999
Detail - Optional	
Loop: 0200	Elements: 3

User Option (Usage): Used

Purpose: To specify the geographic area in which a promotion or price is in effect

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G4301	771	Market Area Code Qualifier	M	ID	1/3	Must use

Description: Code qualifying the identifier represented in "Market Area Code Identifier (767)"

CodeList Summary (Total Codes: 15, Included: 1)

Code Name

001 Pricing Market

G4302	767	Market Area Code Identifier	O	AN	1/13	Used
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Description: A unique identification of a market area

User Note 1: Warehouse Identifier: KDC

G4303	352	Description	O	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Semantics:

1. If G4301 is "001", "002", or "004", then G4302 is required. If G4301 is "003", then G4303 is required.

G62 Date/Time

Pos: 0550	Max: 4
Detail - Conditional	
Loop: 0200	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	M	ID	2/2	Must use

Description: Code specifying type of date

CodeList Summary (Total Codes: 139, Included: 7)

<u>Code</u>	<u>Name</u>
07	Effective Date
15	Promotion Start
16	Promotion End
87	First Order Date
88	First Ship Date
89	First Arrival Date
CA	Cutoff Date

User Note 1:
Conditional - Mandatory if G4603 is present

User Note 1:
Conditional - Mandatory if G4603 is present

G6202	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

User Note 1:

*If G4603 is present,
 G6201 = 15 and 16 are required*

G46 Promotion Allowance/Charge

Pos: 0560	Max: 100
Detail - Conditional	
Loop: 0200	Elements: 4

User Option (Usage): Used

Purpose: To specify unit amount and method of payment for a charge/allowance for a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G4601	340	Allowance or Charge Code	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

CodeList Summary (Total Codes: 127, Included: 5)

Code	Name
52	Quantity Discount
53	Freight Allowance
503	Special Handling
504	Freight
526	Beverage Tax

G4602	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
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Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 4)

Code	Name
01	Bill Back
02	Off Invoice
20	Accrual Fund
CA	Calculate and Add to Invoice

G4603	359	Allowance or Charge Rate	M	R	1/15	Must use
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Description: Allowance or Charge Rate per Unit

User Note 1: If G4603 or G4604 is present, both are required

G4604	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

User Note 1: If G4603 or G4604 is present, both are required

CodeList Summary (Total Codes: 844, Included: 8)

Code	Name
BX	Box
CA	Case
CT	Carton
DZ	Dozen
EA	Each
KT	Kit
LB	Pound
RL	Roll

Syntax Rules:

1. E030506 - Only one of G4603, G4605 or G4606 may be present.
2. P0304 - If either G4603 or G4604 is present, then the other is required.
3. P0607 - If either G4606 or G4607 is present, then the other is required.

Semantics:

1. G4605 indicates the total dollar amount for the allowance or charge.
2. G4607 is the allowance or charge percent.
3. G4612 is the shipping unit to billing unit conversion factor.

Comments:

1. If G4601 equals "1", then G4603, G4605, and G4607 must be omitted.

User Note 1:

Either Segment G46 or G40 must be sent

Loop Bracket Price

Pos: 0650	Repeat: 100
Conditional	
Loop: 0210	Elements: N/A

User Option (Usage): Used

Purpose: To provide a vendor's pricing structure associated with a specific line item

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0650	G40	Bracket Price	C	1		Must use

G40 Bracket Price

Pos: 0650	Max: 1
Detail - Conditional	
Loop: 0210	Elements: 5

User Option (Usage): Must use

Purpose: To provide a vendor's pricing structure associated with a specific line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G4001	417	Price Bracket Identifier	O	AN	1/3	Used

Description: Identifier assigned by the vendor for a specific price bracket

User Note 1: Only to be used if bracket pricing is available

G4002	418	Item List Cost - New	M	R	1/9	Must use
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Description: Unit price within the appropriate price bracket for a line item on or after an effective price date

G4003	419	Item List Cost - Old	O	R	1/9	Used
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Description: Unit price within the appropriate price bracket for a line item before an effective date

User Note 1: Current price must be provided for existing items, optional for new items

G4004	369	Free-form Description	O	AN	1/45	Used
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Description: Free-form descriptive text

User Note 1: Used to provide the associated quantity for the price bracket.

Price Bracket should be provided in the following format: '[Lowest Qty]-[High Qty] [UM]' or '[High Qty]+[UM]'

G4007	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
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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: 844, Included: 3)

Code Name

C1 Composite Product Pounds (Total Weight)

User Note 1:

Used for Price Brackets based on weight

CF Cubic Feet

User Note 1:

Used for Price Brackets based on volume

UN Unit

User Note 1:

Used for Price Brackets based on quantity

Semantics:

- G4009 is the shipping unit to billing unit conversion factor.

Comments:

- G4007 is the invoicing unit of measure for the costs specified in G4002 and G4003.

User Note 1:

Either Segment G46 or G40 must be sent

If 0210 loop is provided the G40 segment is mandatory

SE Transaction Set Trailer

Pos: 0700	Max: 1
Detail - 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
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.