

947 Warehouse Inventory Adjustment Advice

X12/V3040/947

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SE Transaction Set Trailer **44**

947 Warehouse Inventory Adjustment Advice

Functional Group=AW

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Inventory Adjustment Advice Transaction Set (947) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to inform a warehouse/depositor of a quantity or status change to inventory records. This transaction set provides detail information concerning the internal adjustments which occur between a warehouse and a depositor.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	W15	Warehouse Adjustment Identification	M	1			Must use
LOOP ID - 0100					100		
040	N1	Name	M	1			Must use
050	N2	Additional Name Information	O	1			Used
060	N3	Address Information	O	1			Used
070	N4	Geographic Location	O	1			Used
090	N9	Reference Number	O	10			Used
100	G61	Contact	O	3			Used
110	G62	Date/Time	O	5			Used
120	NTE	Note/Special Instruction	O	20			Used
LOOP ID - 0200					10		
130	LM	Code Source Information	O	1			Used
140	LQ	Industry Code	M	100			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 - 0300					>1		
020	W19	Warehouse Adjustment Item Detail	M	1			Must use
030	G69	Line Item Detail - Description	O	5			Used
040	N9	Reference Number	O	10			Used
050	CS	Contract Summary	O	1			Used
060	AT	Financial Accounting	O	1			Used
070	AMT	Monetary Amount	O	1			Used
080	G62	Date/Time	O	10			Used
LOOP ID - 0310					10		
090	LM	Code Source Information	O	1			Used
100	LQ	Industry Code	M	100			Must use
LOOP ID - 0320					50		
110	N1	Name	O	1			Used
120	N2	Additional Name Information	O	2			Used

<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>
130	N3	Address Information	O	2			Used
140	N4	Geographic Location	O	1			Used
145	G61	Contact	O	5			Used
LOOP ID - 0330					≥1		
150	LX	Assigned Number	O	1			Used
160	N9	Reference Number	O	>1			Used
170	G62	Date/Time	O	1			Used
180	N1	Name	O	1			Used
LOOP ID - 0331					10		
190	LM	Code Source Information	O	1			Used
200	LQ	Industry Code	M	100			Must use
210	SE	Transaction Set Trailer	O	1			Used

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:

<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.

All valid standard codes are used. (Total Codes: 236)

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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

W15 Warehouse Adjustment Identification

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

User Option (Usage): Must use

Purpose: To provide identifying numbers and dates and other basic data for this transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
W1501	373	Date	M	DT	6/6	Must use
		Description: Date (YYMMDD).				
W1502	31	Warehouse Adjustment Number	X	AN	1/22	Used
		Description: Identification assigned to an inventory level or status adjustment by the warehouse.				
W1503	75	Depositor Adjustment Number	X	AN	1/22	Used
		Description: Identification assigned to an inventory level or status adjustment by the depositor.				
W1504	353	Transaction Set Purpose Code	O	ID	2/2	Used
		Description: Code identifying purpose of transaction set. All valid standard codes are used. (Total Codes: 49)				
W1505	640	Transaction Type Code	O	ID	2/2	Used
		Description: Code specifying the type of transaction. All valid standard codes are used. (Total Codes: 206)				
W1506	306	Action Code	O	ID	1/2	Used
		Description: Code indicating type of action. All valid standard codes are used. (Total Codes: 65)				

Syntax Rules:

1. P0203 - If either W1502 or W1503 is present, then the other is required.

Loop Name

Pos: 040	Repeat: 100
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>
040	N1	Name	M	1		Must use
050	N2	Additional Name Information	O	1		Used
060	N3	Address Information	O	1		Used
070	N4	Geographic Location	O	1		Used

N1 Name

Pos: 040	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 6

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	2/2	Must use
		Description: Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used. (Total Codes: 687)				
N102	93	Name	X	AN	1/35	Used
		Description: Free-form name.				
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67). All valid standard codes are used. (Total Codes: 138)				
N104	67	Identification Code	X	AN	2/17	Used
		Description: Code identifying a party or other code.				
N105	706	Entity Relationship Code	O	ID	2/2	Used
		Description: Code describing entity relationship. All valid standard codes are used. (Total Codes: 31)				
N106	98	Entity Identifier Code	O	ID	2/2	Used
		Description: Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used. (Total Codes: 687)				

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.

N2 Additional Name Information

Pos: 050	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

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

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>
N201	93	Name	M	AN	1/35	Must use
		Description: Free-form name.				
N202	93	Name	O	AN	1/35	Used
		Description: Free-form name.				

N3 Address Information

Pos: 060	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

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>
N301	166	Address Information	M	AN	1/35	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/35	Used
		Description: Address information				

N4 Geographic Location

Pos: 070	Max: 1
Heading - Optional	
Loop: 0100	Elements: 6

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

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>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name.				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency.				
N403	116	Postal Code	O	ID	3/9	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States).				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country.				
N405	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location.				
		All valid standard codes are used. (Total Codes: 83)				
N406	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location.				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the USA or Canada.

N9 Reference Number

Pos: 090	Max: 10
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Number Qualifier	M	ID	2/2	Must use
		Description: Code qualifying the Reference Number. All valid standard codes are used. (Total Codes: 859)				
N902	127	Reference Number	X	AN	1/30	Used
		Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
N903	369	Free-form Description	X	AN	1/45	Used
		Description: Free-form descriptive text.				
N904	373	Date	O	DT	6/6	Used
		Description: Date (YYMMDD).				
N905	337	Time	X	TM	4/8	Used
		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)				
N906	623	Time Code	O	ID	2/2	Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. All valid standard codes are used. (Total Codes: 39)				

Syntax Rules:

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

Semantics:

1. N906 reflects the time zone which the time reflects.

G61 Contact

Pos: 100	Max: 3
Heading - Optional	
Loop: N/A	Elements: 5

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.				
		All valid standard codes are used. (Total Codes: 154)				
G6102	93	Name	M	AN	1/35	Must use
		Description: Free-form name.				
G6103	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number.				
		All valid standard codes are used. (Total Codes: 20)				
G6104	364	Communication Number	X	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable.				
G6105	443	Contact Inquiry Reference	O	AN	1/20	Used
		Description: Additional reference number or description to clarify a contact number.				

Syntax Rules:

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

Comments:

1. G6103 qualifies G6104.

G62 Date/Time

Pos: 110	Max: 5
Heading - Optional	
Loop: N/A	Elements: 6

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	X	ID	2/2	Used
Description: Code specifying type of date.						
All valid standard codes are used. (Total Codes: 127)						
G6202	373	Date	X	DT	6/6	Used
Description: Date (YYMMDD).						
G6203	176	Time Qualifier	X	ID	1/1	Used
Description: Code specifying the reported time.						
All valid standard codes are used. (Total Codes: 36)						
G6204	337	Time	X	TM	4/8	Used
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)						
G6205	623	Time Code	O	ID	2/2	Used
Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow.						
All valid standard codes are used. (Total Codes: 39)						
G6206	624	Century	O	N0	2/2	Used
Description: The first two characters in the designation of the year (CCYY).						

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.

NTE Note/Special Instruction

Pos: 120	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	O	ID	3/3	Used
<p>Description: Code identifying the functional area or purpose for which the note applies. All valid standard codes are used. (Total Codes: 57)</p>						
NTE02	3	Free Form Message	M	AN	1/60	Must use
<p>Description: Free-form text.</p>						

Comments:

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

Loop Code Source Information

Pos: 130	Repeat: 10
Optional	
Loop: 0200	Elements: N/A

User Option (Usage): Used

Purpose: To transmit standard code list 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>
130	LM	Code Source Information	O	1		Used
140	LQ	Industry Code	M	100		Must use

LM Code Source Information

Pos: 130	Max: 1
Heading - Optional	
Loop: 0200	Elements: 2

User Option (Usage): Used

Purpose: To transmit standard code list 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>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use

Description: Code identifying the agency assigning the code values.

All valid standard codes are used. (Total Codes: 80)

LM02	822	Source Subqualifier	O	AN	1/15	Used
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Description: A reference that indicates the table or text maintained by the Source Qualifier.

Comments:

1. LM02 identifies the applicable industry code list source information.

LQ Industry Code

Pos: 140	Max: 100
Heading - Mandatory	
Loop: 0200	Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

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>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used
<p>Description: Code identifying a specific industry code list All valid standard codes are used. (Total Codes: 183)</p>						
LQ02	1271	Industry Code	X	AN	1/20	Used
<p>Description: Code indicating a code from a specific industry code list</p>						

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Loop Warehouse Adjustment Item Detail

Pos: 020	Repeat: >1
Mandatory	
Loop: 0300	Elements: N/A

User Option (Usage): Must use

Purpose: To designate those items that were adjusted.

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>
020	W19	Warehouse Adjustment Item Detail	M	1		Must use
030	G69	Line Item Detail - Description	O	5		Used
040	N9	Reference Number	O	10		Used
050	CS	Contract Summary	O	1		Used
060	AT	Financial Accounting	O	1		Used
070	AMT	Monetary Amount	O	1		Used
080	G62	Date/Time	O	10		Used
090		Loop 0310	O		10	Used
110		Loop 0320	O		50	Used
150		Loop 0330	O		>1	Used

W19 Warehouse Adjustment Item Detail

Pos: 020	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 16

User Option (Usage): Must use

Purpose: To designate those items that were adjusted.

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>
W1901	181	Quantity or Status Adjustment Reason Code	M	ID	2/2	Must use
Description: Code indicating reason for change in level or status of inventory.						
All valid standard codes are used. (Total Codes: 26)						
W1902	477	Credit/Debit Quantity	M	R	1/10	Must use
Description: Number of supplier units credited or debited.						
W1903	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						
All valid standard codes are used. (Total Codes: 719)						
W1904	438	UPC Case Code	X	AN	12/12	Used
Description: Code (Universal Product Code - ``UPC'') 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).						
W1905	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).						
All valid standard codes are used. (Total Codes: 307)						
W1906	234	Product/Service ID	X	AN	1/30	Used
Description: Identifying number for a product or service.						
W1907	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).						
All valid standard codes are used. (Total Codes: 307)						
W1908	234	Product/Service ID	X	AN	1/30	Used
Description: Identifying number for a product or service.						
W1909	451	Warehouse Lot Number	O	AN	1/12	Used
Description: Reference number assigned by the warehouse.						
W1910	81	Weight	O	R	1/10	Used
Description: Numeric value of weight.						
W1911	187	Weight Qualifier	X	ID	1/2	Used
Description: Code defining the type of weight.						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		All valid standard codes are used. (Total Codes: 40)				
W1912	188	Weight Unit Code	X	ID	1/1	Used
		Description: Code specifying the weight unit				
		All valid standard codes are used. (Total Codes: 7)				
W1913	81	Weight	O	R	1/10	Used
		Description: Numeric value of weight.				
W1914	187	Weight Qualifier	X	ID	1/2	Used
		Description: Code defining the type of weight.				
		All valid standard codes are used. (Total Codes: 40)				
W1915	188	Weight Unit Code	X	ID	1/1	Used
		Description: Code specifying the weight unit				
		All valid standard codes are used. (Total Codes: 7)				
W1916	529	Inventory Transaction Type Code	O	ID	1/2	Used
		Description: Code defining inventory activity.				
		All valid standard codes are used. (Total Codes: 12)				

Syntax Rules:

1. R0405 - At least one of W1904 or W1905 is required.
2. P0506 - If either W1905 or W1906 is present, then the other is required.
3. P0708 - If either W1907 or W1908 is present, then the other is required.
4. C101112 - If W1910 is present, then W1911 and W1912 are required.
5. C131415 - If W1913 is present, then W1914 and W1915 are required.

G69 Line Item Detail - Description

Pos: 030	Max: 5
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): Used

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.

N9 Reference Number

Pos: 040	Max: 10
Detail - Optional	
Loop: 0300	Elements: 6

User Option (Usage): Used

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Number Qualifier	M	ID	2/2	Must use
		Description: Code qualifying the Reference Number. All valid standard codes are used. (Total Codes: 859)				
N902	127	Reference Number	X	AN	1/30	Used
		Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
N903	369	Free-form Description	X	AN	1/45	Used
		Description: Free-form descriptive text.				
N904	373	Date	O	DT	6/6	Used
		Description: Date (YYMMDD).				
N905	337	Time	X	TM	4/8	Used
		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)				
N906	623	Time Code	O	ID	2/2	Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. All valid standard codes are used. (Total Codes: 39)				

Syntax Rules:

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

Semantics:

1. N906 reflects the time zone which the time reflects.

CS Contract Summary

Pos: 050	Max: 1
Detail - Optional	
Loop: 0300	Elements: 18

User Option (Usage): Used

Purpose: To provide information about a contract

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>
CS01	367	Contract Number	O	AN	1/30	Used
		Description: Contract number.				
CS02	327	Change Order Sequence Number	O	AN	1/8	Used
		Description: Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set.				
CS03	328	Release Number	O	AN	1/30	Used
		Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction.				
CS04	128	Reference Number Qualifier	X	ID	2/2	Used
		Description: Code qualifying the Reference Number. All valid standard codes are used. (Total Codes: 859)				
CS05	127	Reference Number	X	AN	1/30	Used
		Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
CS06	324	Purchase Order Number	O	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser.				
CS07	560	Special Services Code	O	ID	2/10	Used
		Description: Code identifying the special service. All valid standard codes are used. (Total Codes: 151)				
CS08	433	F.O.B. Point Code	O	ID	2/2	Used
		Description: Code identifying type of F.O.B. point. All valid standard codes are used. (Total Codes: 4)				
CS09	954	Percent	O	R	1/10	Used
		Description: Percentage expressed as a decimal				
CS10	954	Percent	O	R	1/10	Used
		Description: Percentage expressed as a decimal				
CS11	782	Monetary Amount	O	R	1/15	Used
		Description: Monetary amount.				
CS12	336	Terms Type Code	O	ID	2/2	Used
		Description: Code identifying type of payment terms. All valid standard codes are used. (Total Codes: 28)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CS13	560	Special Services Code	O	ID	2/10	Used
		Description: Code identifying the special service. All valid standard codes are used. (Total Codes: 151)				
CS14	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid standard codes are used. (Total Codes: 719)				
CS15	212	Unit Price	O	R	1/14	Used
		Description: Price per unit of product, service, commodity, etc.				
CS16	336	Terms Type Code	O	ID	2/2	Used
		Description: Code identifying type of payment terms. All valid standard codes are used. (Total Codes: 28)				
CS17	1073	Yes/No Condition or Response Code	O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response. All valid standard codes are used. (Total Codes: 3)				
CS18	1073	Yes/No Condition or Response Code	O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response. All valid standard codes are used. (Total Codes: 3)				

Syntax Rules:

1. P0405 - If either CS04 or CS05 is present, then the other is required.

Semantics:

1. CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity.
2. CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity.
3. CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken.
4. CS14 is the Unit of Measure stipulated in the contract.
5. CS15 is the contract line item number (CLIN) unit price specified in the contract.
6. CS17 conveys the Critical Application Indicator. A ``Y" indicates that a Critical Application Indicator is specified in the contract. A ``N" indicates that no Critical Application Indicator is specified in the contract.
7. CS18 conveys the Special Requirements Indicator. A ``Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract. A ``N" indicates that no Special Requirements Indicator is specified in the contract.

Comments:

1. CS04 may be used to identify the Contract Line Item Number (CLIN) or Extended (or Exhibit) Line Item Number (ELIN).
2. CS07 and CS13 (DE 560) can be used to indicate two different types of special services required.

AT Financial Accounting

Pos: 060	Max: 1
Detail - Optional	
Loop: 0300	Elements: 9

User Option (Usage): Used

Purpose: To transmit financial accounting data

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>
AT01	1281	Fund Code	O	ID	2/2	Used
		Description: Code identifying a specific appropriation or fund account to be charged or credited				
AT02	1282	Treasury Symbol Number	O	AN	7/21	Used
		Description: Number identifying a department, fiscal year, and appropriation limit for a standard accounting classification coding structure				
AT03	1283	Budget Activity Number	O	AN	1/16	Used
		Description: Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure				
AT04	1284	Object Class Number	O	AN	3/12	Used
		Description: Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure				
AT05	1285	Reimbursable Source Number	O	AN	1/3	Used
		Description: Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure				
AT06	1286	Transaction Reference Number	O	AN	4/20	Used
		Description: Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure				
AT07	1287	Accountable Station Number	O	AN	3/8	Used
		Description: Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure				
AT08	1288	Paying Station Number	O	AN	8/14	Used
		Description: Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure				
AT09	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content.				

Comments:

1. AT09 identifies unique local activity financial accounting information

AMT Monetary Amount

Pos: 070	Max: 1
Detail - Optional	
Loop: 0300	Elements: 2

User Option (Usage): Used

Purpose: To indicate the total monetary amount.

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>
AMT01	522	Amount Qualifier Code	M	ID	1/2	Must use
		Description: Code to qualify amount				
		All valid standard codes are used. (Total Codes: 432)				
AMT02	782	Monetary Amount	M	R	1/15	Must use
		Description: Monetary amount.				

G62 Date/Time

Pos: 080	Max: 10
Detail - Optional	
Loop: 0300	Elements: 6

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	X	ID	2/2	Used
		Description: Code specifying type of date. All valid standard codes are used. (Total Codes: 127)				
G6202	373	Date	X	DT	6/6	Used
		Description: Date (YYMMDD).				
G6203	176	Time Qualifier	X	ID	1/1	Used
		Description: Code specifying the reported time. All valid standard codes are used. (Total Codes: 36)				
G6204	337	Time	X	TM	4/8	Used
		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)				
G6205	623	Time Code	O	ID	2/2	Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. All valid standard codes are used. (Total Codes: 39)				
G6206	624	Century	O	N0	2/2	Used
		Description: The first two characters in the designation of the year (CCYY).				

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 Code Source Information

Pos: 090	Repeat: 10
Optional	
Loop: 0310	Elements: N/A

User Option (Usage): Used

Purpose: To transmit standard code list 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>
090	LM	Code Source Information	O	1		Used
100	LQ	Industry Code	M	100		Must use

LM Code Source Information

Pos: 090	Max: 1
Detail - Optional	
Loop: 0310	Elements: 2

User Option (Usage): Used

Purpose: To transmit standard code list 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>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use

Description: Code identifying the agency assigning the code values.

All valid standard codes are used. (Total Codes: 80)

LM02	822	Source Subqualifier	O	AN	1/15	Used
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Description: A reference that indicates the table or text maintained by the Source Qualifier.

Comments:

1. LM02 identifies the applicable industry code list source information.

LQ Industry Code

Pos: 100	Max: 100
Detail - Mandatory	
Loop: 0310	Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

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>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used
Description: Code identifying a specific industry code list						
All valid standard codes are used. (Total Codes: 183)						
LQ02	1271	Industry Code	X	AN	1/20	Used
Description: Code indicating a code from a specific industry code list						

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Loop Name

Pos: 110	Repeat: 50
Optional	
Loop: 0320	Elements: N/A

User Option (Usage): Used

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>
110	N1	Name	O	1		Used
120	N2	Additional Name Information	O	2		Used
130	N3	Address Information	O	2		Used
140	N4	Geographic Location	O	1		Used
145	G61	Contact	O	5		Used

N1 Name

Pos: 110	Max: 1
Detail - Optional	
Loop: 0320	Elements: 6

User Option (Usage): Used

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	2/2	Must use
		Description: Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used. (Total Codes: 687)				
N102	93	Name	X	AN	1/35	Used
		Description: Free-form name.				
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67). All valid standard codes are used. (Total Codes: 138)				
N104	67	Identification Code	X	AN	2/17	Used
		Description: Code identifying a party or other code.				
N105	706	Entity Relationship Code	O	ID	2/2	Used
		Description: Code describing entity relationship. All valid standard codes are used. (Total Codes: 31)				
N106	98	Entity Identifier Code	O	ID	2/2	Used
		Description: Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used. (Total Codes: 687)				

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.

N2 Additional Name Information

Pos: 120	Max: 2
Detail - Optional	
Loop: 0320	Elements: 2

User Option (Usage): Used

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

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>
N201	93	Name	M	AN	1/35	Must use
		Description: Free-form name.				
N202	93	Name	O	AN	1/35	Used
		Description: Free-form name.				

N3 Address Information

Pos: 130	Max: 2
Detail - Optional	
Loop: 0320	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

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>
N301	166	Address Information	M	AN	1/35	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/35	Used
		Description: Address information				

N4 Geographic Location

Pos: 140	Max: 1
Detail - Optional	
Loop: 0320	Elements: 6

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

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>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name.				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency.				
N403	116	Postal Code	O	ID	3/9	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States).				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country.				
N405	309	Location Qualifier	X	ID	1/2	Used
		Description: Code identifying type of location.				
		All valid standard codes are used. (Total Codes: 83)				
N406	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location.				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the USA or Canada.

G61 Contact

Pos: 145	Max: 5
Detail - Optional	
Loop: 0320	Elements: 5

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
<p>Description: Code identifying the major duty or responsibility of the person or group named.</p> <p>All valid standard codes are used. (Total Codes: 154)</p>						
G6102	93	Name	M	AN	1/35	Must use
<p>Description: Free-form name.</p>						
G6103	365	Communication Number Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type of communication number.</p> <p>All valid standard codes are used. (Total Codes: 20)</p>						
G6104	364	Communication Number	X	AN	1/80	Used
<p>Description: Complete communications number including country or area code when applicable.</p>						
G6105	443	Contact Inquiry Reference	O	AN	1/20	Used
<p>Description: Additional reference number or description to clarify a contact number.</p>						

Syntax Rules:

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

Comments:

1. G6103 qualifies G6104.

Loop Assigned Number

Pos: 150	Repeat: >1
Optional	
Loop: 0330	Elements: N/A

User Option (Usage): Used

Purpose: To reference a line number in a transaction set.

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>
150	LX	Assigned Number	O	1		Used
160	N9	Reference Number	O	>1		Used
170	G62	Date/Time	O	1		Used
180	N1	Name	O	1		Used
190		Loop 0331	O		10	Used

LX Assigned Number

Pos: 150	Max: 1
Detail - Optional	
Loop: 0330	Elements: 1

User Option (Usage): Used

Purpose: To reference a line number in a transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554	Assigned Number	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set.

N9 Reference Number

Pos: 160	Max: >1
Detail - Optional	
Loop: 0330	Elements: 6

User Option (Usage): Used

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Number Qualifier	M	ID	2/2	Must use
		Description: Code qualifying the Reference Number. All valid standard codes are used. (Total Codes: 859)				
N902	127	Reference Number	X	AN	1/30	Used
		Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
N903	369	Free-form Description	X	AN	1/45	Used
		Description: Free-form descriptive text.				
N904	373	Date	O	DT	6/6	Used
		Description: Date (YYMMDD).				
N905	337	Time	X	TM	4/8	Used
		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)				
N906	623	Time Code	O	ID	2/2	Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow. All valid standard codes are used. (Total Codes: 39)				

Syntax Rules:

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

Semantics:

1. N906 reflects the time zone which the time reflects.

G62 Date/Time

Pos: 170	Max: 1
Detail - Optional	
Loop: 0330	Elements: 6

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	X	ID	2/2	Used
Description: Code specifying type of date.						
All valid standard codes are used. (Total Codes: 127)						
G6202	373	Date	X	DT	6/6	Used
Description: Date (YYMMDD).						
G6203	176	Time Qualifier	X	ID	1/1	Used
Description: Code specifying the reported time.						
All valid standard codes are used. (Total Codes: 36)						
G6204	337	Time	X	TM	4/8	Used
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)						
G6205	623	Time Code	O	ID	2/2	Used
Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time. Since + is a restricted character, + and - are substituted by P and M in the codes that follow.						
All valid standard codes are used. (Total Codes: 39)						
G6206	624	Century	O	N0	2/2	Used
Description: The first two characters in the designation of the year (CCYY).						

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.

N1 Name

Pos: 180	Max: 1
Detail - Optional	
Loop: 0330	Elements: 6

User Option (Usage): Used

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	2/2	Must use
		Description: Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used. (Total Codes: 687)				
N102	93	Name	X	AN	1/35	Used
		Description: Free-form name.				
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67). All valid standard codes are used. (Total Codes: 138)				
N104	67	Identification Code	X	AN	2/17	Used
		Description: Code identifying a party or other code.				
N105	706	Entity Relationship Code	O	ID	2/2	Used
		Description: Code describing entity relationship. All valid standard codes are used. (Total Codes: 31)				
N106	98	Entity Identifier Code	O	ID	2/2	Used
		Description: Code identifying an organizational entity, a physical location, or an individual All valid standard codes are used. (Total Codes: 687)				

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.

Loop Code Source Information

Pos: 190	Repeat: 10
Optional	
Loop: 0331	Elements: N/A

User Option (Usage): Used

Purpose: To transmit standard code list 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>
190	LM	Code Source Information	O	1		Used
200	LQ	Industry Code	M	100		Must use

LM Code Source Information

Pos: 190	Max: 1
Detail - Optional	
Loop: 0331	Elements: 2

User Option (Usage): Used

Purpose: To transmit standard code list 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>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use

Description: Code identifying the agency assigning the code values.

All valid standard codes are used. (Total Codes: 80)

LM02	822	Source Subqualifier	O	AN	1/15	Used
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Description: A reference that indicates the table or text maintained by the Source Qualifier.

Comments:

- LM02 identifies the applicable industry code list source information.

LQ Industry Code

Pos: 200	Max: 100
Detail - Mandatory	
Loop: 0331	Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

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>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used
		Description: Code identifying a specific industry code list All valid standard codes are used. (Total Codes: 183)				
LQ02	1271	Industry Code	X	AN	1/20	Used
		Description: Code indicating a code from a specific industry code list				

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

SE Transaction Set Trailer

Pos: 210	Max: 1
Detail - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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
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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

Comments:

- SE is the last segment of each transaction set.