The Global Network for B2B Integration in High Tech Industries

Transaction Set

861

Receiving Advice/Acceptance Certificate

Functional Group ID = RC
X12 Version 004 Release 010

December 2002

Revision History

Date	Description
October 1998	Published
December 2002	Applied new publication template

Contents Page

Introduction..... Error! Bookmark not defined.
Hyperlinks in this document ..... **Error! Bookmark not defined.**
Abbreviations and Notations..... **Error! Bookmark not defined.**
General Recommendations and Best Practices..... **Error! Bookmark not defined.**
Additional References ..... **Error! Bookmark not defined.**

Overview 4
1. Functional Definition 4
2. Considerations..... 4
3. Trading Partners 4
4. EDIFICE Business Models..... 4
5. Field of Application..... 4
6. Format..... 4
7. Attributes 6
8. Changes from version 3020..... 7

Segment Tables 8
855 Purchase Order Acknowledgment- List of Used and Not Used Segments..... 8
Segment: ST Transaction Set Header..... 10
Segment: BRA Beginning Segment for Receiving Advice or Acceptance Certificate 11
Segment: REF Reference Identification..... 13
Segment: DTM Date/Time Reference..... 15
Segment: N1 Name..... 17
Segment: RCD Receiving Conditions..... 19
Segment: LIN Item Identification..... 30
Segment: SAC Service, Promotion, Allowance, or Charge Information 33
Segment: CTT Transaction Totals..... 36
Segment: SE Transaction Set Trailer 38

861 Receiving Advice/Acceptance Certificate Examples 39
861 Example 1 – Acknowledge Receipt at Line Item Level..... 39

OVERVIEW

1. FUNCTIONAL DEFINITION

This Draft Standard for Trial Use contains the format and establishes the data contents of the Receiving Advice/Acceptance Certificate Transaction Set (861) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the notification of receipt or formal acceptance of goods and services.

2. CONSIDERATIONS

N/A.

3. TRADING PARTNERS

1. Any receiver or receiver's agent to any shipper or shipper's agent.

4. EDIFICE BUSINESS MODELS

This is a simple recast/version upgrade of an existing EDIFICE guideline. Business models were not evaluted.

5. FIELD OF APPLICATION

This transaction may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

6. FORMAT

The transmission in the ASC X12 format uses two required envelopes. One is the ISA Interchange Control Header Segment, which starts and identifies an interchange of zero or more functional groups and interchange-related control segments. The ISA includes the sender's mailbox address and a receiver's mailbox address, and specifies which delimiter (a/k/a control, service) characters (data element separator, component element separator and data segment terminator) are being used.

There are no default service characters reserved for use in ASC X12. Allowable service characters should be discussed between trading partners.

The second required envelope is GS Functional Group Header, which indicates the beginning of a functional group and provides group level control information. The GS segment includes

functional group level sender and receiver addresses, typically used by the trading partner(s) for internal routing. The GS also includes the GS08 ASC X12 Version/Release/Industry Identifier Code. EDIFICE does not recommend the use of an Industry Identifier code.

The functional groups are analogous to batches of like documents, i.e. purchase orders, invoices, etc. Each functional group contains one ore more transaction sets (electronic documents).

Each transaction set is an ordered collection of segments.

Each segment is an ordered collection of data elements. Each segment has been assigned a two or three character identifier. This identifier marks the beginning of each segment. Each element within the segment is separated by a data element delimiter. EDIFICE recommends the use of the asterisk (*) character as a data element delimiter. A segment terminator character is used to mark the end of a segment.

Any shaded areas indicate EDIFICE recommended usage and comment.

7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EDIFICE has additional usage indicated for optional segments and elements which are noted in the following table.

MARGIN	ATTRIBUTE	DE NOTE	MEANING
Must Use	M (Mandatory)	N/A	If a segment, composite, or stand alone data element is mandatory according to the standard, EDIFICE cannot change the mandatory status on that component. *DATA ELEMENT within a COMPOSITE:* A data element within a composite is mandatory only if the composite is used.
X	C or X (Conditional) or O (Optional)	No note or NOT USED	EDIFICE has determined no value in supplying the composite or data element; hence, it need not be generated.
Blank	C or X (Conditional) or O (Optional)	REQUIRED	EDIFICE members agree that the data concerned must be sent.
Blank	C or X (Conditional) or O (Optional)	No note	Indicates that EDIFICE makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C or X (Conditional) or O (Optional)	ADVISED	EDIFICE has determined value in supplying the data element; hence, it should be generated.
Blank	C or X (Conditional) or O (Optional)	DEPENDING	Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail.

8. CHANGES FROM VERSION 3020

Only segments, elements or codes used by EDIFICE are listed. Because this is a recast and EDIFICE is not adding codes to any code lists except codes identified in EDIFICE's guidelines for product and other identifiers. Type ID fields which have increased in maximum length are not listed.

- All date fields changed from 6/6 (YYMMDD) to 8/8 (CCYYMMDD)
- Max length of DE 98 Entity Identifier Code (used in N101) changed from 2 to 3.
- Max length of DE 93 Name (used in N102) changed from 35 to 60.
- Max length of DE 67 Identification Code (used in the N104) changed from 17 to 80.
- Max length of DE 234 Product/Service ID (used in LIN segment) changed from 30 to 48.
- Requirement of DE 234 Product/Service ID Qualifier (used in LIN segment) changed from 'O' Optional to 'X' Conditional.
- Max use of REF in header area changed from 12 to >1.
- SAC segment replaced the ITA in the detail area.
- Max length of DE 337 Time (used in DTM03) changed from 6 to 8.
- Max length of DE 350 Assigned Identification (used in RCD01) changed from 11 to 20.
- RCD03 element has been replaced by a composite element (RCD03 C001) with 15 sub elements.
- RCD05 element has been replaced by a composite element (RCD05 C001) with 15 sub elements.
- RCD07 element has been replaced by a composite element (RCD07 C001) with 15 sub elements.
- RCD10 element has been replaced by a composite element (RCD10 C001) with 15 sub elements.
- RCD13 element has been replaced by a composite element (RCD13 C001) with 15 sub elements.
- RCD16 element has been replaced by a composite element (RCD13 C001) with 15 sub elements.
- RCD19 element has been replaced by a composite element (RCD13 C001) with 15 sub elements.
- Requirement of DE 355 Unit or Basis for Measurement Code (used in RCD segment) changed from “C” conditional to “M” in composite element C00101.
- Max length of DE 350 Assigned Identification (used in LIN01) changed from 11 to 20.
- Requirement of DE 331 Allowance or Charge Method of Handling Code (used in SAC segment) changed from “M” Mandatory to “O” Optional.
- Max length of DE 96 Number of Included Segments in SE01 changed from 6 to 10.

SEGMENT TABLES

855 Purchase Order Acknowledgment- List of Used and Not Used Segments

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BRA	Beginning Segment for Receiving Advice or Acceptance Certificate	M	1		n1
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Must Use	070	DTM	Date/Time Reference	M	10		
Not Used	080	PRF	Purchase Order Reference	O	25		
Not Used	090	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	100	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	110	TD3	Carrier Details (Equipment)	O	12		
Not Used	120	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	125	MEA	Measurements	O	40		
			LOOP ID - N1			200	
	130	N1	Name	O	1		
Not Used	140	N2	Additional Name Information	O	2		
Not Used	150	N3	Address Information	O	2		
Not Used	160	N4	Geographic Location	O	1		
Not Used	170	REF	Reference Identification	O	100		
Not Used	180	PER	Administrative Communications Contact	O	3		
Not Used	190	FOB	F.O.B. Related Instructions	O	1		
			LOOP ID - LM			10	
Not Used	200	LM	Code Source Information	O	1		
Not Used	210	LQ	Industry Code	M	100		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - RCD			200000	
	010	RCD	Receiving Conditions	O	1		
Not Used	020	SN1	Item Detail (Shipment)	O	1		
Not Used	030	CUR	Currency	O	1		
	040	LIN	Item Identification	O	100		
Not Used	050	PID	Product/Item Description	O	1000		
Not Used	060	PO4	Item Physical Details	O	100		
Not Used	070	REF	Reference Identification	O	12		
Not Used	080	PER	Administrative Communications Contact	O	3		
Not Used	090	DTM	Date/Time Reference	O	10		
Not Used	100	PRF	Purchase Order Reference	O	25		
Not Used	110	MEA	Measurements	O	>1		
Not Used	120	FOB	F.O.B. Related Instructions	O	1		

Not Used	130	TD1	Carrier Details (Quantity and Weight)	O	20	
Not Used	140	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	150	TD3	Carrier Details (Equipment)	O	12	
Not Used	160	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	170	SAC	Service, Promotion, Allowance, or Charge Information	O	10	
Not Used	180	MAN	Marks and Numbers	O	>1	
			LOOP ID - LM			10
Not Used	185	LM	Code Source Information	O	1	
Not Used	186	LQ	Industry Code	M	100	
			LOOP ID - SLN			100
Not Used	190	SLN	Subline Item Detail	O	1	
Not Used	200	PID	Product/Item Description	O	1000	
Not Used	203	NM1	Individual or Organizational Name	O	1	
			LOOP ID - LM			10
Not Used	205	LM	Code Source Information	O	1	
Not Used	206	LQ	Industry Code	M	100	
			LOOP ID - N1			200
Not Used	210	N1	Name	O	1	
Not Used	220	N2	Additional Name Information	O	2	
Not Used	230	N3	Address Information	O	2	
Not Used	240	N4	Geographic Location	O	1	
Not Used	250	REF	Reference Identification	O	100	
Not Used	260	PER	Administrative Communications Contact	O	3	
Not Used	270	FOB	F.O.B. Related Instructions	O	1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	CTT	Transaction Totals	O	1		n2
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. This transaction set is a Receiving Advice unless BRA04 contains a value of "8". When BRA04 contains a value of "8", the transaction set is an Acceptance Certificate and the units received is the units accepted.
2. The number of line items (CTT01) is the accumulation of the number of RCD segments. If used, hash total (CTT02) is the sum of the value of quantities received (RCD02) for each RCD segment.

Segment: ST Transaction Set Header

Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 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).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 861 Receiving Advice/Acceptance Certificate	M ID 3/3
Must Use	ST02	329	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and reserach. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.	M AN 4/9

Segment: BRA Beginning Segment for Receiving Advice or Acceptance Certificate

Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Receiving Advice or Acceptance Certificate Transaction Set and transmit an identifying number, date, and time
Syntax Notes:
Semantic Notes:
1 BRA02 is the date that the receiving advice transaction set is created.
2 BRA05 is the time that the receiving advice transaction set is created.
Comments:
Notes: At this time EDIX has not pursued the use of the 861 as an "Acceptance Certificate". Because of this, BRA04 only shos usage of the 861 as a "Receiving Advice".

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BRA01	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Must Use	BRA02	373	**Date** Date expressed as CCYYMMDD This date is the date that the Receiving Advice was created.	M DT 8/8
Must Use	BRA03	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set 00 Original 15 Re-Submission Implies that the exact same transaction is present. Hence, the BRA01 must contain the same number as sent on the original transaction.	M ID 2/2
Must Use	BRA04	962	**Receiving Advice or Acceptance Certificate Type Code** Code specifying type of receiving advice 1 Receiving Dock Advice 2 Post Receipt Advice	M ID 1/1
Not Used	BRA05	337	**Time** 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)	O TM 4/8

Not Used	BRA06	412	**Receiving Condition Code** Code designating physical condition or status of units received in a specific shipment Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	BRA07	306	**Action Code** Code indicating type of action Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 1/2

Segment: REF Reference Identification

Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
2 If either C04003 or C04004 is present, then the other is required.
3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: EDIFICE Usage: ADVISED.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier** Code qualifying the Reference Identification AW Air Waybill Number CO Customer Order Number MA Ship Notice/Manifest Number MB Master Bill of Lading OB Ocean Bill of Lading OI Original Invoice Number PK Packing List Number SI Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment	M ID 2/3
	REF02	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	**Description** A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Not Used	C04002	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30

Not Used	C04003	128	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/3
Not Used	C04004	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	C04005	128	**Reference Identification Qualifier** Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/3
Not Used	C04006	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

Segment: DTM Date/Time Reference

Position: 070
Loop:
Level: Heading
Usage: Mandatory
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 035 Delivered 050 Received 057 Actual Port of Entry 058 Customs Clearance 096 Discharge	M ID 3/3
	DTM02	373	**Date** Date expressed as CCYYMMDD EDIFICE Usage: REQUIRED.	X DT 8/8
	DTM03	337	**Time** 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) EDIFICE Usage: OPTIONAL.	X TM 4/8
	DTM04	623	**Time Code** 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 EDIFICE Usage: ADVISED. If DTM04 is used, all dates and times associated with qualifier "011" will be assumed to be sender's local time and all those associated with "017" will be assumed to be local time at destination. EDIFICE strongly recommends the use of DTM04 in order to maintain universality and avoid the necssity of using vendor-specific time zone tables. CT Central Time	O ID 2/2

			ET Eastern Time MT Mountain Time PT Pacific Time		
Not Used	DTM05	1250	**Date Time Period Format Qualifier** Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/3
Not Used	DTM06	1251	**Date Time Period** Expression of a date, a time, or range of dates, times or dates and times	X	AN 1/35

Segment: N1 Name

Position: 130
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
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.
Notes: EDIFICE Usage: REQUIRED. EDIFICE recommends that parties be identified at the header level. If parties are not identified a the header level, they should be identified at the line item level.

It is encouraged that the trading partners codify all addresses within their system. The use of only the N1 segment with Bill-to and Ship-to values is encouraged.

See IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser) RC Receiving Location UP Unloading Party	M ID 2/3
	N102	93	**Name** Free-form name EDIFICE Usage: ADVISED.	X AN 1/60
	N103	66	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) EDIFICE Usage: DEPENDING. Required if N104 used. 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent	X ID 1/2
	N104	67	**Identification Code** Code identifying a party or other code	X AN 2/80

			EDIFICE Usage: ADVISED.		
Not Used	N105	706	**Entity Relationship Code** Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	N106	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/3

Segment: RCD Receiving Conditions

Position: 010
Loop: RCD Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To report receiving conditions and specify contested quantities
Syntax Notes:
1 At least one of RCD02 RCD04 or RCD06 is required.
2 If either RCD02 or RCD03 is present, then the other is required.
3 If either RCD04 or RCD05 is present, then the other is required.
4 If any of RCD06 RCD07 or RCD08 is present, then all are required.
5 If any of RCD09 RCD10 or RCD11 is present, then all are required.
6 If any of RCD12 RCD13 or RCD14 is present, then all are required.
7 If any of RCD15 RCD16 or RCD17 is present, then all are required.
8 If any of RCD18 RCD19 or RCD20 is present, then all are required.

Semantic Notes:
1 RCD01 is the receiving advice line item identification.
2 RCD21 is the cumulative quantity of goods received for a specific time period.

Comments:
1 See the Data Element Dictionary for a complete list of receiving condition IDs.
2 RCD06 through RCD20 provide for five different quantities whose condition upon receipt is under question.

Notes: EDIFICE Usage: REQUIRED.

EDIFICE recommends a RCD segment per LIN (line item) segment. It does not recommend using one RCD segment for the entire shipment. Each RCD06/RCD08 pair of Quantities in Question and Receiving Condition Codes in this transaction should be related to the SN102 (number of units shipped) in the Ship Notice/Manifest (856) transaction. Hence, there is a necessity to have the LIN01 in this transaction equal to the LIN01 in the corresponding Ship Notice/Manifest (856) transaction. For example, if the quantity shipped is not apparent, it cannot be determined that the receiving condition was quantity short or quantity over. Key reference fields such as the LIN01 must be returned to the shipper.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
RCD01	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set EDIFICE Usage: OPTIONAL. If this field is used, EDIFICE strongly recommends using no more than 6 characters for this field.	O AN 1/20
RCD02	663	**Quantity Units Received or Accepted** Number of Units Received or Accepted EDIFICE Usage: REQUIRED.	X R 1/9
RCD03	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use) EDIFICE Usage: REQUIRED.	X

Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M	ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10

Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	RCD04	664	**Quantity Units Returned** Number of units returned	X	R 1/9
Not Used	RCD05	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	X	
Not Used	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Not Used by EDIFICE. Refer to 004010 Data Element Dictionary for acceptable code values.	M	ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2

Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
	RCD06	667	**Quantity in Question** Number of units contested because of physical condition or status of units EDIFICE Usage: OPTIONAL.	X	R 1/9
	RCD07	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use) EDIFICE Usage: DEPENDING. Required if RCD06 used.	X	
Must Use	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each Refer to 004010 Data Element Dictionary for acceptable code values.	M	ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10

Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10

	RCD08	412	**Receiving Condition Code** Code designating physical condition or status of units received in a specific shipment EDIFICE Usage: OPTIONAL. 01 Damaged Product or Container 02 Quantity Short 03 Quantity Over 04 Quality Problem 05 Incorrect Product 06 Non-standard Container 08 Rejected	X	ID 2/2
	RCD09	667	**Quantity in Question** Number of units contested because of physical condition or status of units EDIFICE Usage: OPTIONAL.	X	R 1/9
	RCD10	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use) EDIFICE Usage: DEPENDING. Required if RCD09 used.	X	
Must Use	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M	ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00108	1018	**Exponent**	O	R 1/15

			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	RCD11	412	**Receiving Condition Code**	X	ID 2/2
			Code designating physical condition or status of units received in a specific shipment See code list under RCD08.		
	RCD12	667	**Quantity in Question**	X	R 1/9
			Number of units contested because of physical condition or status of units		
	RCD13	C001	**Composite Unit of Measure**	X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
Must Use	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00102	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		

Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
	RCD14	412	**Receiving Condition Code** Code designating physical condition or status of units received in a specific shipment	X	ID 2/2

			See code list under RCD08.		
	RCD15	667	**Quantity in Question** Number of units contested because of physical condition or status of units	X	R 1/9
	RCD16	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	X	
Must Use	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M	ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15

Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
	RCD17	412	**Receiving Condition Code** Code designating physical condition or status of units received in a specific shipment See code list under RCD08.	X	ID 2/2
	RCD18	667	**Quantity in Question** Number of units contested because of physical condition or status of units	X	R 1/9
	RCD19	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	X	
Must Use	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M	ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10

Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
	RCD20	412	**Receiving Condition Code** Code designating physical condition or status of units received in a specific shipment See code list under RCD08.	X	ID 2/2
Not Used	RCD21	380	**Quantity** Numeric value of quantity	O	R 1/15

Segment: LIN Item Identification

Position: 040
Loop: RCD Optional
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To specify basic item identification data
Syntax Notes:
1 If either LIN04 or LIN05 is present, then the other is required.
2 If either LIN06 or LIN07 is present, then the other is required.
3 If either LIN08 or LIN09 is present, then the other is required.
4 If either LIN10 or LIN11 is present, then the other is required.
5 If either LIN12 or LIN13 is present, then the other is required.
6 If either LIN14 or LIN15 is present, then the other is required.
7 If either LIN16 or LIN17 is present, then the other is required.
8 If either LIN18 or LIN19 is present, then the other is required.
9 If either LIN20 or LIN21 is present, then the other is required.
10 If either LIN22 or LIN23 is present, then the other is required.
11 If either LIN24 or LIN25 is present, then the other is required.
12 If either LIN26 or LIN27 is present, then the other is required.
13 If either LIN28 or LIN29 is present, then the other is required.
14 If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:
1 LIN01 is the line item identification

Comments:
1 See the Data Dictionary for a complete list of IDs.
2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: EDIFICE Usage: ADVISED. There is one LIN segment for each different part number. The Product ID Qualifiers and Product ID should completely specify the parts being reported. See IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	LIN01	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set EDIFICE Usage: ADVISED. This LIN01 should equal the LIN01 in the corresponding Ship Notice/Manifest (856) Transaction.	O AN 1/20
Must Use	LIN02	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) EDIFICE Usage: REQUIRED. AB Assembly BP Buyer's Part Number PC Prime Contractor Part Number PN Company Part Number VP Vendor's (Seller's) Part Number	M ID 2/2

Must Use	LIN03	234	**Product/Service ID** Identifying number for a product or service EDIFICE Usage: REQUIRED. At least one occurrence of a combination of data elements 235 (Product/Service ID Qualifier) and 234 (Product/Service ID) is required. Additionally the use of the combination of these data elements must conform to IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).	M	AN 1/48
	LIN04	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
	LIN05	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
	LIN06	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
	LIN07	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
	LIN08	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
	LIN09	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
	LIN10	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
	LIN11	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
	LIN12	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
	LIN13	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
	LIN14	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
	LIN15	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
	LIN16	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2

LIN17	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
LIN18	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
LIN19	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
LIN20	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
LIN21	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
LIN22	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
LIN23	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
LIN24	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
LIN25	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
LIN26	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
LIN27	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
LIN28	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
LIN29	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48
LIN30	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list under LIN02.	X	ID 2/2
LIN31	234	**Product/Service ID** Identifying number for a product or service	X	AN 1/48

Segment: SAC Service, Promotion, Allowance, or Charge Information

Position: 170
Loop: RCD Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1 At least one of SAC02 or SAC03 is required.
2 If either SAC03 or SAC04 is present, then the other is required.
3 If either SAC06 or SAC07 is present, then the other is required.
4 If either SAC09 or SAC10 is present, then the other is required.
5 If SAC11 is present, then SAC10 is required.
6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7 If SAC14 is present, then SAC13 is required.
8 If SAC16 is present, then SAC15 is required.

Semantic Notes:
1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2 SAC05 is the total amount for the service, promotion, allowance, or charge.
If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3 SAC08 is the allowance or charge rate per unit.
4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7 SAC16 is used to identify the language being used in SAC15.

Comments:
1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: EDIFICE Usage: OPTIONAL.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	**Allowance or Charge Indicator** Code which indicates an allowance or charge for the service specified Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 1/1
	SAC02	1300	**Service, Promotion, Allowance, or Charge Code** Code identifying the service, promotion, allowance, or charge Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 4/4
	SAC03	559	**Agency Qualifier Code** Code identifying the agency assigning the code values EDIFICE Usage: OPTIONAL. Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code** Agency maintained code identifying the service, promotion, allowance, or charge	X AN 1/10
	SAC05	610	**Amount** Monetary amount	O N2 1/15
Not Used	SAC06	378	**Allowance/Charge Percent Qualifier** Code indicating on what basis allowance or charge percent is calculated Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1
Not Used	SAC07	332	**Percent** Percent expressed as a percent	X R 1/6
Not Used	SAC08	118	**Rate** Rate expressed in the standard monetary denomination for the currency specified	O R 1/9
	SAC09	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EDIFICE Usage: ADVISED. Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
	SAC10	380	**Quantity** Numeric value of quantity EDIFICE Usage: ADVISED.	X R 1/15
Not Used	SAC11	380	**Quantity** Numeric value of quantity	O R 1/15

	SAC12	331	**Allowance or Charge Method of Handling Code** Code indicating method of handling for an allowance or charge EDIFICE Usage: ADVISED. 02 Off Invoice 05 Charge to be Paid by Vendor 06 Charge to be Paid by Customer	O	ID 2/2
Not Used	SAC13	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	SAC14	770	**Option Number** A unique number identifying available promotion or allowance options when more than one is offered	O	AN 1/20
Not Used	SAC15	352	**Description** A free-form description to clarify the related data elements and their content	X	AN 1/80
Not Used	SAC16	819	**Language Code** Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O	ID 2/3

Segment: CTT Transaction Totals

Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	CTT01	354	**Number of Line Items** Total number of line items in the transaction set CTT01 counts the ocurrences of RCD segments.	M	N0 1/6
	CTT02	347	**Hash Total** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. EDIFICE Usage: OPTIONAL. CTT02 is the sum of quantities received (RCD02).	O	R 1/10
Not Used	CTT03	81	**Weight** Numeric value of weight	X	R 1/10
Not Used	CTT04	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
Not Used	CTT05	183	**Volume** Value of volumetric measure	X	R 1/8

Not Used	CTT06	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
Not Used	CTT07	352	**Description** A free-form description to clarify the related data elements and their content	O	AN 1/80

Segment: SE Transaction Set Trailer

Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.	M AN 4/9

861 RECEIVING ADVICE/ACCEPTANCE CERTIFICATE EXAMPLES

861 Example 1 - Acknowledge Receipt at Line Item Level

This is a sample of an original Receiving Advice which is sent for the first time to acknowledge receipt at the line item level.

Example 1 Summary

HEADER SECTION	
ST*861*03456'	This is a Receiving Advice/Acceptance Certificate, and the transaction set control number is 03456.
BRA*RE9876*980403*00*1'	This is an original Receiving Doc Advice, created on April 3,1998. The reference number is RE9876.
REF*PK*AB11111'	The Packing List number is AB11111.
REF*SI*BD2222'	The Shipper's Identifying Number for Shipment (SID) is BD2222.
REF*OI*DE3333'	The original invoice number is DE3333.
DTM*050*980529'	The date received is May 29, 1998.
N1*RC*92*CU1234'	The receiving location has the buyer-assigned code of CU1234.
N1*BY*92*XR1287'	The purchaser has the buyer-assigned code of XR1287.
DETAIL SECTION	
RCD**1000*EA***500*EA*05*200*EA*04'	The total quantity received is 1000 unites. Five hundred of the units were the incorrect product. Two hundred of the units had quality problems.
LIN*001*BP*DF7654*EC*A*VP*PA9876'	The line item number is 001. The buyer's part number is DF7654, Engineering Change Level A. The vendor's part number is PA9876.
RCD**2000*EA***500*EA*05*200*EA*04'	The total quantity received is 2000 units. Five hundred of the units were the incorrect product. Two hundred of the units had quality problems.
LIN*002*BP*GH7654*EC*A*VP*PA9999'	The line item number is 002. The buyer's part number is GH7654, Engineering Change Level A. The vendor's part number is PA9999.
RCD**500*EA***100*EA*08'	The total quantity received is 500 units. 100 units were rejected (no reason given).
LIN*003*BP*RE1234*EC*S*VP*VG3276'	The line item number is 003. The buyer's part number is REL1234, Engineering Change Level S. The vendor's part number is VG3276.
SAC*C*B872***10500*******06'	There are Customs Duty charges in the amount of $105.00 to be paid by the customer.
SUMMARY SECTION	
CTT*3*3500'	There are 3 line items in the transaction set, and the sum of the RCD02 quantities is 3500.
SE*17*03456'	There are 17 segments in the transaction set,

	including the SE and ST segments.

Example 1 Explanation

HEADER SECTION	
ST*861*03456’	**ST Transaction Set Header** ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 861(count of segments in this transaction set including ST and SE) ST02/329 Transaction Set Control Number [M/AN 4/9]: 03456
BRA*RE9876*19980403*00*1’	**BRA Beginning Segment for Receiving Advice or Acceptance Certificate** BRA01/127 Reference Identification [M/AN 1/30]: RE9876 BRA02/373 Date [M/DT 8/8]: 19980403 BRA03/353 Transaction Set Purpose Code [M/ID 2/2]: 00 (Original) BRA04/962 Receiving Advice or Acceptance Certificate Type Code [M/ID 1/1]: 1 (Receiving Dock Advice)
REF*PK*AB11111’	**REF Reference Numbers** REF01/128 Reference Identification Qualifier [M/ID 2/3]: PK (Packing List) REF02/127 Reference Identification [X/AN 1/30]: AB11111
REF*SI*BD2222’	**REF Reference Numbers** REF01/128 Reference Identification Qualifier [M/ID 2/3]: SI (Shipper's Identifying Number for Shipment) REF02/127 Reference Identification [X/AN 1/30]: BD2222
REF*OI*DE3333’	**REF Reference Numbers** REF01/128 Reference Identification Qualifier [M/ID 2/3]: OI (Original Invoice Number) REF02/127 Reference Identification [X/AN 1/30]: DE3333
DTM*050*19980529’	**DTM Date/Time/Period** DTM01/374 Date/Time Qualifier [M/ID 3/3]: 050 (Received) DTM02/373 Date [X/DT 8/8]: 19989529
N1*RC**92*CU1234’	**N1 Name** N101/98 Entity Identifier Code [M/ID 2/3]: RC (Receiving Location) N103/66 Identification Code Qualifier [X/ID 1/2]: 92 (Assigned by Buyer or Buyer's Agent) N104/67 Identification Code [X/AN 1/20]: CU1234

N1*BY**92*XR1287’	**N1 Name** N101/98 Entity Identifier Code [M/ID 2/3]: BY (Buying Party) N103/66 Identification Code Qualifier [X/ID 1/2]: 92 (Assigned by Buyer or Buyer's Agent) N104/67 Identification Code [X/AN 1/20]: XR1287
DETAIL SECTION	
RCD**1000*EA***500*EA*05*200*EA*04’	**RCD Receiving Conditions** RCD02/663 Quantity Units Received or Accepted [X/R 1/9]: 1000 RCD03/C001 Composite Unit of Measure [X]: RCD03.01/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA RCD06/667 Quantity in Question [X/R 1/9]: 500 RCD07/C001 Composite Unit of Measure [X]: RCD07.01/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA RCD08/412 Receiving Condition Code [X/ID 2/2]: 05 (Incorrect Product) RCD09/667 Quantity in Question [X/R 1/9]: 200 RCD10/C001 Composite Unit of Measure [X]: RCD10.01/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA RCD11/412 Receiving Condition Code [X/ID 2/2]: 04 (Quality Problem)
LIN*001*BP*DF7654*EC*A*VP*PA9876’	**LIN Item Identification** LIN01/350 Assigned Identification [O/AN 1/20]: 001 LIN02/235 Product/Service ID Qualifier [X/ID 2/2]: BP (Buyer's Part Number) LIN03/234 Product/Service ID [X/AN 1/48]: DF7654 LIN04/235 Product/Service ID Qualifier [X/ID 2/2]: EC (Engineering Change Level) LIN05/234 Product/Service ID [X/AN 1/48]: A LIN06/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor's Part Number) LIN07/234 Product/Service ID [X/AN 1/48]: PA9876
RCD**2000*EA***500*EA*05*200*EA*04’	**RCD Receiving Conditions** RCD02/663 Quantity Units Received or Accepted [X/R 1/9]: 2000 RCD03/C001 Composite Unit of Measure [X]: RCD03.01/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA RCD06/667 Quantity in Question [X/R 1/9]: 500 RCD07/C001 Composite Unit of Measure [X]: RCD07.01/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA RCD08/412 Receiving Condition Code [X/ID 2/2]: 05 (Incorrect Product)

	RCD09/667 Quantity in Question [X/R 1/9]: 200 RCD10/C001 Composite Unit of Measure [X]: RCD10.01/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA RCD11/412 Receiving Condition Code [X/ID 2/2]: 04 (Quality Problem)
LIN*002*BP*GH9754*EC*A*VP*PA9999'	**LIN Item Identification** LIN01/350 Assigned Identification [O/AN 1/20]: 002 LIN02/235 Product/Service ID Qualifier [X/ID 2/2]: BP (Buyer's Part Number) LIN03/234 Product/Service ID [X/AN 1/48]: GH9754 LIN04/235 Product/Service ID Qualifier [X/ID 2/2]: EC (Engineering Change Level) LIN05/234 Product/Service ID [X/AN 1/48]: A LIN06/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor's Part Number) LIN07/234 Product/Service ID [X/AN 1/48]: PA9999
RCD**500*EA***100*EA*08'	**RCD Receiving Conditions** RCD02/663 Quantity Units Received or Accepted [X/R 1/9]: 500 RCD03/C001 Composite Unit of Measure [X]: RCD03.01/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA RCD06/667 Quantity in Question [X/R 1/9]: 100 RCD07/C001 Composite Unit of Measure [X]: RCD07.01/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA RCD08/412 Receiving Condition Code [X/ID 2/2]: 08 (Rejected)
LIN*003*BP*RE1234*EC*S*VP*VG3276'	**LIN Item Identification** LIN01/350 Assigned Identification [O/AN 1/20]: 003 LIN02/235 Product/Service ID Qualifier [X/ID 2/2]: BP (Buyer's Part Number) LIN03/234 Product/Service ID [X/AN 1/48]: RE1234 LIN04/235 Product/Service ID Qualifier [X/ID 2/2]: EC (Engineering Change Level) LIN05/234 Product/Service ID [X/AN 1/48]: S LIN06/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor's Part Number) LIN07/234 Product/Service ID [X/AN 1/48]: VG3276
SAC*C*B872***10500*******06'	**SAC Allowance, Charge or Service** SAC01/248 Allowance or Charge Indicator [M/ID 1/1]: C (Charge) SAC02/1300 Service, Promotion, Allowance, or Charge Code [X/ID 4/4]: B872 (Customs Duty) SAC05/610 Amount [O/N2 1/15]:10500

	($105.00) SAC12/331 Allowance or Charge Method [O/ID2/2]: 06 (Charge to be paid by customer)
SUMMARY SECTION	
CTT*3*3500’	**CTT Transaction Totals** CTT01/354 Number of Line Items [M/N0 1/6]: 3 (Count of RCD segments in the transaction) CTT02/347 Hash Total [O/R 1/10]: 3500
SE*10*03456’	**SE Transaction Set Trailer** SE01/96 Number of Included Segments [M/N0 1/10]: 17 (Count of segments in this transaction set including ST and SE) SE02/329 Transaction Set Control Number [M/AN 4/9]: 03456