

International Truck and Engine Corporation

EDI 861 -- Receiving Advice/Acceptance Certificate

VERSION: ANSI ASC X12 Version Release 3040 FINAL

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861 Receiving Advice/Acceptance Certificate

Functional Group=RC

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.

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			Used
020	BRA	Beginning Segment for Receiving Advice or Acceptance Certificate	M	1		N1/020	Used
030	NTE	Note/Special Instruction	F	100			Not used
040	CUR	Currency	O	1			Not used
050	REF	Reference Numbers	O	>1			Used
060	PER	Administrative Communications Contact	O	3			Not used
070	DTM	Date/Time Reference	M	10			Used
080	PRF	Purchase Order Reference	O	25			Not used
090	TD1	Carrier Details (Quantity and Weight)	O	2			Used
100	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			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			Not used

LOOP ID - N1

200

130	N1	Name	O	1			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 Numbers	O	100			Not used
180	PER	Administrative Communications Contact	O	3			Not used
190	FOB	F.O.B. Related Instructions	O	1			Not used

LOOP ID - LM

10

200	LM	Code Source Information	O	1			Not used
210	LQ	Industry Code	M	100			Not used

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>
<u>LOOP ID - RCD</u>					<u>200000</u>		
010	RCD	Receiving Conditions	O	1			Used
020	SN1	Item Detail (Shipment)	O	1			Used
030	CUR	Currency	O	1			Not used
040	LIN	Item Identification	O	100			Used
050	PID	Product/Item Description	O	1000			Not used
060	PO4	Item Physical Details	O	100			Not used
070	REF	Reference Numbers	O	12			Not used
080	PER	Administrative Communications Contact	O	3			Not used
090	DTM	Date/Time Reference	O	10			Not 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>
100	PRF	Purchase Order Reference	O	25			Not used
110	MEA	Measurements	O	40			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			Not used
170	ITA	Allowance, Charge or Service	O	10			Not used
180	MAN	Marks and Numbers	O	10			Not used
LOOP ID - LM					10		
185	LM	Code Source Information	O	1			Not used
186	LQ	Industry Code	M	100			Not used
LOOP ID - SLN					100		
190	SLN	Subline Item Detail	O	1			Not used
200	PID	Product/Item Description	O	1000			Not used
LOOP ID - LM					10		
205	LM	Code Source Information	O	1			Not used
206	LQ	Industry Code	M	100			Not used
LOOP ID - N1					200		
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 Numbers	O	100			Not used
260	PER	Administrative Communications Contact	O	3			Not used
270	FOB	F.O.B. Related Instructions	O	1			Not used

Summary:

<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	CTT	Transaction Totals	O	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Used

Notes:

- 1/020 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.
- 3/010 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.

ST Transaction Set Header

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

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	Used
		Description: Code uniquely identifying a Transaction Set.				
		<u>Code</u> <u>Name</u>				
		861 X12.12 Receiving Advice				
ST02	329	Transaction Set Control Number	M	AN	4/9	Used
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

- 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).

Trading Partner:

Example:
ST*861*0001 n/1

BRA Beginning Segment for Receiving Advice or Acceptance Certificate

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

To indicate the beginning of a receiving advice or acceptance certificate transaction set and to transmit an identifying number, date and time

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>								
BRA01	127	Reference Number Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Trading Partner: First six characters are the date (YYMMDD) followed by the 3 position ANSI Transaction Set "861" followed by the seven position supplier code.	M	AN	1/30	Used								
BRA02	373	Date Description: Date (YYMMDD).	M	DT	6/6	Used								
BRA03	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set. <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> <tr> <td>20</td> <td>Final Transmission</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00	Original	20	Final Transmission	M	ID	2/2	Used		
<u>Code</u>	<u>Name</u>													
00	Original													
20	Final Transmission													
BRA04	962	Receiving Advice or Acceptance Certificate Type Code Description: Code specifying type of receiving advice <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Receiving Dock Advice</td> </tr> <tr> <td>R</td> <td>Intermediate Point Receipt Advice</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	1	Receiving Dock Advice	R	Intermediate Point Receipt Advice	M	ID	1/1	Used		
<u>Code</u>	<u>Name</u>													
1	Receiving Dock Advice													
R	Intermediate Point Receipt Advice													
BRA05	337	Time 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)	O	TM	4/8	Not used								
BRA06	412	Receiving Condition Code Description: Code designating physical condition or status of units received in a specific shipment. <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>07</td> <td>Good Condition</td> </tr> <tr> <td>08</td> <td>Rejected</td> </tr> <tr> <td>14</td> <td>Quantity Received and Processed Without Matching Ship Notice</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	07	Good Condition	08	Rejected	14	Quantity Received and Processed Without Matching Ship Notice	O	ID	2/2	Used
<u>Code</u>	<u>Name</u>													
07	Good Condition													
08	Rejected													
14	Quantity Received and Processed Without Matching Ship Notice													
BRA07	306	Action Code Description: Code indicating type of action.	O	ID	1/2	Not used								

Semantics:

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.

Trading Partner:

Truck Examples:

BRA*9501308611234567*950130*00*1 n/1

BRA*9501308611234567*950130*20*1 n/1

BRA*9591308611234567*950130*00*1**14 n/1

Engine Example:

BRA*99050386112345S1*990503*00*1 n/1

REF Reference Numbers

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

To specify identifying numbers.

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>										
REF01	128	Reference Number Qualifier Description: Code qualifying the Reference Number.	M	ID	2/2	Used										
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BM</td> <td>Bill of Lading Number</td> </tr> <tr> <td>CN</td> <td>Carrier's Reference Number (PRO/Invoice)</td> </tr> <tr> <td>RV</td> <td>Receiving Number</td> </tr> <tr> <td>SI</td> <td>Shipper's Identifying Number for Shipment (SID)</td> </tr> </tbody> </table> Description: A unique number (to the shipper) assigned by the shipper to identify the shipment	<u>Code</u>	<u>Name</u>	BM	Bill of Lading Number	CN	Carrier's Reference Number (PRO/Invoice)	RV	Receiving Number	SI	Shipper's Identifying Number for Shipment (SID)				
<u>Code</u>	<u>Name</u>															
BM	Bill of Lading Number															
CN	Carrier's Reference Number (PRO/Invoice)															
RV	Receiving Number															
SI	Shipper's Identifying Number for Shipment (SID)															
REF02	127	Reference Number Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30	Used										
REF03	352	Description Description: A free-form description to clarify the related data elements and their content.	C	AN	1/80	Not used										

Syntax:

R0203 -- At least one of REF02 or REF03 is required.

Trading Partner:

Truck Examples:

REF*BM*052516 n/l

REF*CN*658-240141-2 n/l

REF*RV*L40108001 n/l

Engine Examples:

REF*SI*052516 n/l

REF*RV*9123123 n/l

DTM Date/Time Reference

Pos: 070	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 7

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>				
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time.	M	ID	3/3	Used				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>050</td> <td>Received</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	050	Received				
<u>Code</u>	<u>Name</u>									
050	Received									
DTM02	373	Date Description: Date (YYMMDD).	C	DT	6/6	Used				
DTM03	337	Time 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)	C	TM	4/8	Not used				
DTM04	623	Time Code 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.	O	ID	2/2	Not used				
DTM05	624	Century Description: The first two characters in the designation of the year (CCYY).	O	N0	2/2	Not used				
DTM06	1250	Date Time Period Format Qualifier Description: Code indicating the date format, time format, or date and time format.	C	ID	2/3	Not used				
DTM07	1251	Date Time Period Description: Expression of a date, a time, or range of dates, times or dates and times.	C	AN	1/35	Not used				

Syntax:

R020306 -- At least one of DTM02, DTM03 or DTM06 is required.

P0607 -- If either DTM06 or DTM07 are present, then the others are required.

Trading Partner:

Truck Example:
DTM*050*950131 n/l

Engine Example:

DTM*050*990503 n/l

TD1 Carrier Details (Quantity and Weight)

Pos: 090	Max: 2
Heading - Optional	
Loop: N/A	Elements: 8

To specify the transportation details relative to commodity, weight and quantity.

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>						
TD101	103	Packaging Code Description: Code identifying the type of packaging. Part 1. Packaging form. Part 2. Packaging Material.	O	AN	5/5	Not used						
TD102	80	Lading Quantity Description: Number of units (pieces) of the lading commodity.	C	N0	1/7	Not used						
TD103	23	Commodity Code Qualifier Description: Code identifying the commodity coding system used for Commodity Code.	O	ID	1/1	Not used						
TD104	22	Commodity Code Description: Code describing a commodity or group of commodities.	C	AN	1/16	Not used						
TD105	79	Lading Description Description: Description of an item as required for rating and billing purposes.	O	AN	1/50	Not used						
TD106	187	Weight Qualifier Description: Code defining the type of weight. <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>G</td> <td>Gross Weight</td> </tr> <tr> <td>N</td> <td>Actual Net Weight</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	G	Gross Weight	N	Actual Net Weight	O	ID	1/2	Used
<u>Code</u>	<u>Name</u>											
G	Gross Weight											
N	Actual Net Weight											
TD107	81	Weight Description: Numeric value of weight.	C	R	1/10	Used						
TD108	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Trading Partner: International will use any ANSI X12 code.	C	ID	2/2	Used						

Syntax:

- C0102 -- If TD101 is present, then TD102 is required
- C0304 -- If TD103 is present, then TD104 is required
- C060708 -- If 06 is present, then TD107 and TD108 are required.

Trading Partner:

Truck Example:
TD1*****G*57*LB n/l

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 100	Max: 12
Heading - Optional	
Loop: N/A	Elements: 12

To specify the carrier, sequence of routing and to provide transit time 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>
TD501	133	Routing Sequence Code Description: Code describing the relationship of a carrier to a specific shipment movement.	O	ID	1/2	Used
		<u>Code</u> <u>Name</u> B Origin/Delivery Carrier (Any Mode)				
TD502	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67).	C	ID	1/2	Used
		<u>Code</u> <u>Name</u> 2 Standard Carrier Alpha Code (SCAC)				
TD503	67	Identification Code Description: Code identifying a party or other code. Trading Partner: SCAC Code	C	AN	2/17	Used
TD504	91	Transportation Method/Type Code Description: Code specifying the method or type of transportation for the shipment.	C	ID	1/2	Not used
TD505	387	Routing Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity.	C	AN	1/35	Not used
TD506	368	Shipment/Order Status Code Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction.	C	ID	2/2	Not used
TD507	309	Location Qualifier Description: Code identifying type of location.	O	ID	1/2	Not used
TD508	310	Location Identifier Description: Code which identifies a specific location.	C	AN	1/30	Not used
TD509	731	Transit Direction Code Description: The point of origin and point of direction.	O	ID	2/2	Not used
TD510	732	Transit Time Direction Qualifier Description: Code specifying the value of time used to measure the transit time.	O	ID	2/2	Not used
TD511	733	Transit Time	C	R	1/4	Not used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: The numeric amount of transit time.				
TD512	284	Service Level Code Description: Code defining service	C	ID	2/2	Not used

Syntax:

R0204050612 -- At least one of TD502, TD504, TD505, TD506 or TD512 is required.

C0203 -- If TD502 is present, then TD503 is required

C0708 -- If TD507 is present, then TD508 is required

C1011 -- If TD510 is present, then TD511 is required

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement: use TD502 to identify the party responsible for defining the routing sequence; use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Trading Partner:

Truck Example:

TD5*B*2*CETR n/1

N1 Name

Pos: 130	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

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 Description: Code identifying an organizational entity, a physical location, or an individual	M	ID	2/2	Used								
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>ST</td> <td>Ship To</td> </tr> <tr> <td>SU</td> <td>Supplier/Manufacturer</td> </tr> <tr> <td>ZE</td> <td>End Item Manufacturer</td> </tr> </table> <p>Description: Manufacturer of the end item associated with the required material</p>	<u>Code</u>	<u>Name</u>	ST	Ship To	SU	Supplier/Manufacturer	ZE	End Item Manufacturer				
<u>Code</u>	<u>Name</u>													
ST	Ship To													
SU	Supplier/Manufacturer													
ZE	End Item Manufacturer													
N102	93	Name Description: Free-form name.	C	AN	1/35	Not used								
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67).	C	ID	1/2	Used								
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>92</td> <td>Assigned by Buyer or Buyer's Agent</td> </tr> </table>	<u>Code</u>	<u>Name</u>	92	Assigned by Buyer or Buyer's Agent								
<u>Code</u>	<u>Name</u>													
92	Assigned by Buyer or Buyer's Agent													
N104	67	Identification Code Description: Code identifying a party or other code. Trading Partner: International assigned Plant Code or Vendor Code.	C	AN	2/17	Used								
N105	706	Entity Relationship Code Description: Code describing entity relationship.	O	ID	2/2	Not used								
N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual	O	ID	2/2	Not used								

Syntax:

R0203 -- At least one of N102 or N103 is required.

P0304 -- If either N103 or N104 are present, then the others are 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.

Trading Partner:

Truck Examples:

N1*SU**92*7068700 n/l
N1*ST**92*002ASM n/l
N1*ZE**92*1234567 n/l

Engine Examples:

N1*SU**92*12345S1 n/l
N1*ST**92*RC n/l

RCD Receiving Conditions

Pos: 010	Max: 1
Detail - Optional	
Loop: RCD	Elements: 21

To report receiving conditions and specify contested quantities

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>																
RCD01	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set.	O	AN	1/11	Not used																
RCD02	663	Quantity Units Received or Accepted Description: Number of Units Received or Accepted	C	R	1/9	Used																
RCD03	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Trading Partner: International will use any ANSI X12 code.	C	ID	2/2	Used																
RCD04	664	Quantity Units Returned Description: Number of units returned.	C	R	1/9	Used																
RCD05	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Trading Partner: International will use any ANSI X12 code.	C	ID	2/2	Used																
RCD06	667	Quantity in Question Description: Number of units contested because of physical condition or status of units.	C	R	1/9	Used																
RCD07	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Trading Partner: International will use any ANSI X12 code.	C	ID	2/2	Used																
RCD08	412	Receiving Condition Code Description: Code designating physical condition or status of units received in a specific shipment.	C	ID	2/2	Used																
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Damaged Product or Container</td> </tr> <tr> <td>02</td> <td>Quantity Short</td> </tr> <tr> <td>03</td> <td>Quantity Over</td> </tr> <tr> <td>04</td> <td>Quality Problem</td> </tr> <tr> <td>05</td> <td>Incorrect Product</td> </tr> <tr> <td>06</td> <td>Non-standard Container</td> </tr> <tr> <td>14</td> <td>Quantity Received and Processed Without Matching Ship Notice</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	01	Damaged Product or Container	02	Quantity Short	03	Quantity Over	04	Quality Problem	05	Incorrect Product	06	Non-standard Container	14	Quantity Received and Processed Without Matching Ship Notice				
<u>Code</u>	<u>Name</u>																					
01	Damaged Product or Container																					
02	Quantity Short																					
03	Quantity Over																					
04	Quality Problem																					
05	Incorrect Product																					
06	Non-standard Container																					
14	Quantity Received and Processed Without Matching Ship Notice																					
		Trading Partner: Used for Engine Only																				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u> <u>Name</u>				
		16 Not Received - Ship Notice Required				
RCD09	667	Quantity in Question Description: Number of units contested because of physical condition or status of units.	C	R	1/9	Not used
RCD10	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Not used
RCD11	412	Receiving Condition Code Description: Code designating physical condition or status of units received in a specific shipment.	C	ID	2/2	Not used
RCD12	667	Quantity in Question Description: Number of units contested because of physical condition or status of units.	C	R	1/9	Not used
RCD13	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Not used
RCD14	412	Receiving Condition Code Description: Code designating physical condition or status of units received in a specific shipment.	C	ID	2/2	Not used
RCD15	667	Quantity in Question Description: Number of units contested because of physical condition or status of units.	C	R	1/9	Not used
RCD16	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Not used
RCD17	412	Receiving Condition Code Description: Code designating physical condition or status of units received in a specific shipment.	C	ID	2/2	Not used
RCD18	667	Quantity in Question Description: Number of units contested because of physical condition or status of units.	C	R	1/9	Not used
RCD19	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Not used
RCD20	412	Receiving Condition Code Description: Code designating physical condition or status of units received in a specific shipment.	C	ID	2/2	Not used
RCD21	380	Quantity	O	R	1/15	Not used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

Description: Numeric value of quantity.

Syntax:

R020406 -- At least one of RCD02, RCD04 or RCD06 is required.

C0203 -- If RCD02 is present, then RCD03 is required

C0405 -- If RCD04 is present, then RCD05 is required

P060708 -- If either RCD06, RCD07 or RCD08 are present, then the others are required.

P091011 -- If either RCD09, RCD10 or RCD11 are present, then the others are required.

P121314 -- If either RCD12, RCD13 or RCD14 are present, then the others are required.

P151617 -- If either RCD15, RCD16 or RCD17 are present, then the others are required.

P181920 -- If either RCD18, RCD19 or RCD20 are present, then the others are required.

Semantics:

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 Dictionary for a complete list of receiving condition ID's.
2. RCD06 through RCD20 provide for five (5) different quantities whose condition upon receipt is under question.

Trading Partner:

Truck Examples:

RCD**1005*PC***5*PC*03 n/l

RCD**1995*PC***5*PC*02 n/l

RCD**1005*PC***5*PC*03 n/l

RCD**2000*PC***0*PC*02 n/l

Engine Examples:

RCD**1005*PC***0*PC*03 n/l

RCD**1995*PC***5*PC*02 n/l

SN1 Item Detail (Shipment)

Pos: 020	Max: 1
Detail - Optional	
Loop: RCD	Elements: 8

To specify line item detail relative to shipment

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>
SN101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set.	O	AN	1/11	Not used
SN102	382	Number of Units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set.	M	R	1/10	Used
SN103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Trading Partner: See ANSI Acceptable Code List.	M	ID	2/2	Used
SN104	646	Quantity Shipped to Date Description: Number of units shipped to date.	O	R	1/9	Not used
SN105	330	Quantity Ordered Description: Quantity ordered.	O	R	1/9	Not used
SN106	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Not used
SN107	728	Returnable Container Load Make-Up Code Description: Code identifying the load make-up of the returnable containers in the shipment.	O	ID	1/2	Not used
SN108	668	Line Item Status Code Description: Code specifying the action taken by the seller on a line item requested by the buyer.	O	ID	2/2	Not used

Syntax:

C0506 -- If SN105 is present, then SN106 is required

Semantics:

- SN101 is the ship notice line item identification.

Comments:

- SN103 defines the unit of measurement for both SN102 and SN104.

Trading Partner:

Truck Example:

SN1**1000*PC n/l

Engine Examples:

SN1**1000*PC n/l

SN1**2000*PC n/l

LIN Item Identification

Pos: 040	Max: 100
Detail - Optional	
Loop: RCD	Elements: 31

To specify basic item identification 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>																
LIN01	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set.	O	AN	1/11	Not used																
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). <table border="0"> <tr> <td style="padding-left: 20px;"><u>Code</u></td> <td style="padding-left: 40px;"><u>Name</u></td> </tr> <tr> <td>BP</td> <td>Buyer's Part Number</td> </tr> <tr> <td>EC</td> <td>Engineering Change Level</td> </tr> <tr> <td>JN</td> <td>Job Number</td> </tr> <tr> <td>PO</td> <td>Purchase Order Number</td> </tr> <tr> <td>RC</td> <td>Returnable Container No.</td> </tr> <tr> <td>RN</td> <td>Release Number</td> </tr> <tr> <td>VP</td> <td>Vendor's (Seller's) Part Number</td> </tr> </table>	<u>Code</u>	<u>Name</u>	BP	Buyer's Part Number	EC	Engineering Change Level	JN	Job Number	PO	Purchase Order Number	RC	Returnable Container No.	RN	Release Number	VP	Vendor's (Seller's) Part Number	M	ID	2/2	Used
<u>Code</u>	<u>Name</u>																					
BP	Buyer's Part Number																					
EC	Engineering Change Level																					
JN	Job Number																					
PO	Purchase Order Number																					
RC	Returnable Container No.																					
RN	Release Number																					
VP	Vendor's (Seller's) Part Number																					
LIN03	234	Product/Service ID Description: Identifying number for a product or service.	M	AN	1/30	Used																
LIN04	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). Trading Partner: See LIN02 for list of Codes used by International.	O	ID	2/2	Used																
LIN05	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Used																
LIN06	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). Trading Partner: See LIN02 for list of codes used by International.	O	ID	2/2	Used																
LIN07	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Used																
LIN08	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). Trading Partner: See LIN02 for list of codes used by International.	O	ID	2/2	Used																
LIN09	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Used																

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN10	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). Trading Partner: See LIN02 for list of codes used by International.	O	ID	2/2	Used
LIN11	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Used
LIN12	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). Trading Partner: See LIN02 for list of codes used by International.	O	ID	2/2	Used
LIN13	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Used
LIN14	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). Trading Partner: See LIN02 for list of codes used by International.	O	ID	2/2	Used
LIN15	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Used
LIN16	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN17	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Not used
LIN18	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN19	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Not used
LIN20	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN21	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Not used
LIN22	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN23	234	Product/Service ID	C	AN	1/30	Not used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Identifying number for a product or service.				
LIN24	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN25	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Not used
LIN26	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN27	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Not used
LIN28	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN29	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Not used
LIN30	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN31	234	Product/Service ID Description: Identifying number for a product or service.	C	AN	1/30	Not used

Syntax:

- C0405 -- If LIN04 is present, then LIN05 is required
- C0607 -- If LIN06 is present, then LIN07 is required
- C0809 -- If LIN08 is present, then LIN09 is required
- C1011 -- If LIN10 is present, then LIN11 is required
- C1213 -- If LIN12 is present, then LIN13 is required
- C1415 -- If LIN14 is present, then LIN15 is required
- C1617 -- If LIN16 is present, then LIN17 is required
- C1819 -- If LIN18 is present, then LIN19 is required
- C2021 -- If LIN20 is present, then LIN21 is required
- C2223 -- If LIN22 is present, then LIN23 is required
- C2425 -- If LIN24 is present, then LIN25 is required
- C2627 -- If LIN26 is present, then LIN27 is required
- C2829 -- If LIN28 is present, then LIN29 is required
- C3031 -- If LIN30 is present, then LIN31 is required

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of ID's.
2. LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Trading Partner:

Truck Example:

LIN**BP*425966C1*RN*01 n/l

Engine Examples:

LIN**BP*1818181C1 n/l

LIN**BP*1818265C1 n/l

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 7

To transmit a hash total for a specific element in the 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>
CTT01	354	Number of Line Items Description: Total number of line items in the transaction set. Trading Partner: Total number of RCD segments.	M	N0	1/6	Used
CTT02	347	Hash Total Description: 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.	O	R	1/10	Not used
CTT03	81	Weight Description: Numeric value of weight.	O	R	1/10	Not used
CTT04	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Not used
CTT05	183	Volume Description: Value of volumetric measure.	O	R	1/8	Not used
CTT06	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Not used
CTT07	352	Description Description: A free-form description to clarify the related data elements and their content.	O	AN	1/80	Not used

Syntax:

C0304 -- If CTT03 is present, then CTT04 is required
 C0506 -- If CTT05 is present, then CTT06 is required

Comments:

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

Trading Partner:

Truck Example:

CTT*4 n/1

Engine Example:

CTT*2 n/1

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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	Used
		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	Used
		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.

Trading Partner:

Truck Example:
SE*18*0001 n/l

Engine Example:
SE*15*0001 n/l



International Truck and Engine Corporation

APPENDIX of EXAMPLES

August 23, 1999

NOTE: This document is to be used in conjunction with the International 861 Implementation Guideline to illustrate examples and functional definition of this transaction set.

**EXAMPLE 1: Truck 861 for MISSING/LATE ASN - SHIPMENT
PROCESSED WITHOUT MATCHING ASN****EDI DATA ELEMENTS**ST*861*0001_{N/L}BRA*94091586112345S1*940915*00*1**14_{N/L}REF*BM*052516_{N/L}REF*RV*40915233_{N/L}DTM*050*940915_{N/L}N1*ST**92*020_{N/L}N1*SU**92*12345S1_{N/L}SE*8*0001_{N/L}**INTERPRETATION**

ANSI transaction set 861, transaction ID number 0001.

Original Document 94091586112345S1, Transaction Date 9/15/94. Quantity has been received and processed without matching ASN. Do Not Send ASN.

The Bill of Lading Number was 052516.

International assigned receipt number is 40915233.

The Received Date is 9/15/94.

The Ship To Location; Chatham Assembly Plant.

The International Assigned Supplier Code 12345S1.

Number of Included Segments Including the ST and the SE equals 8.

EXAMPLE 2: Truck 861 for ASN SENT WITH QUANTITY PROBLEM - INITIAL NOTICE

EDI DATA ELEMENTS

ST*861*0001 N/LBRA*9409158611234567*940915*00*1 N/LREF*BM*052516 N/LREF*RV*40915234 N/LDTM*050*940915 N/LN1*ST**92*002ASM N/LN1*SU**92*1234567 N/LRCD**1005*PC***5*PC*03 N/LSN1**1000*PC N/LLIN**BP*2008283F91 N/LRCD**1995*PC***5*PC*02 N/LSN1**2000*PC N/LLIN**BP*2008312F91 N/LCTT*2 N/LSE*15*0001 N/L

INTERPRETATION

ANSI transaction set 861, transaction ID number 0001.

Original Document 9409158611234567, Transaction Date 9/15/94.

The Bill of Lading Number was 052516.

International assigned receipt number is 40915234.

The Received Date is 9/15/94.

The Ship To Location; Springfield Assembly Plant.

The International Assigned Supplier Code 1234567.

1005 pieces were received and the quantity was over by 5 pieces

Net quantity shipped is 1000 pieces. This Segment will echo the SN1 transmitted in the Ship Notice (856).

International Part Number is 2008283F91.

1995 pieces were received and the quantity was short by 5 pieces

Net quantity shipped is 2000 pieces. This Segment will echo the SN1 transmitted in the Ship Notice (856).

International Part Number is 2008312F91.

Total Number of RCD Segments Equals 2.

Number of included segments including the ST and the SE equals 15.

EXAMPLE 3: Truck 861 for ASN SENT WITH QUANTITY PROBLEM - FINAL NOTICE)

EDI DATA ELEMENTS

ST*861*0001 N/L

BRA*9409158611234567*940915*20*1 N/L

REF*BM*052516 N/L

REF*RV*40915234 N/L

DTM*050*940915 N/L

N1*ST**92*002ASM N/L

N1*SU**92*1234567 N/L

RCD**1005*PC***5*PC*03 N/L

SN1**1000*PC N/L

LIN**BP*2008283F91 N/L

RCD**2000*PC***0*PC*02 N/L

SN1**2000*PC N/L

LIN**BP*2008312F91 N/L

CTT*2 N/L

SE*15*0001 N/L

INTERPRETATION

ANSI transaction set 861, transaction ID number 0001.

Final Transmission Document 9409158611234567,
Transaction Date 09/15/94.

The Bill of Lading Number was 052516.

International assigned receipt number is 40915234.

The Received Date is 09/15/94.

The Ship To Location; Springfield Assembly Plant.

The International Assigned Supplier Code 1234567.

1005 pieces were received and the quantity was over by 5 pieces

Net quantity shipped is 1000 pieces. This Segment will echo the SN1 transmitted in the Ship Notice (856).

International Part Number is 2008283F91.

2000 pieces were received and the quantity short by 0 pieces

Net quantity shipped is 2000 pieces. This Segment will echo the SN1 transmitted in the Ship Notice (856).

International Part Number is 2008312F91.

Total Number of RCD Segments Equals 2.

Number of included segments including the ST and the SE equals 15.

EXAMPLE 4: Truck 861 for Direct Ship**EDI DATA ELEMENTS**ST*861*0001 N/LBRA*950915861777777*940915*00*1 N/LREF*CN*658-240141-2 N/LREF*RV*L40108001 N/LDTM*050*940915 N/LTD1*****G*57*LB N/LTD5*B*2*CETR N/LN1*A0**92*0132 N/LN1*SU**92*777777 N/LSE*10*0001 N/L**INTERPRETATION**

ANSI transaction set 861, transaction ID number 0001.

Original Document 940915861777777, Transaction Date 9/15/94.

Carrier Pro Number is 658-240141-2.

Receiving Number is L40108001.

The Received Date is 09/15/94.

The Gross Weight is 57 Pounds.

The Delivery Carrier SCAC Code is CETR.

The International Assigned Client Code is 0132.

The International Assigned Supplier Code 7777777.

Number of Included Segments Including the ST and the SE Equals 10.

EXAMPLE 5: Engine 861 for ASN SENT WITH QUANTITY PROBLEM.**EDI DATA ELEMENTS**ST*861*0001 N/LBRA*99050386112345S1*990503*00*1 N/LREF*SI*052516 N/LREF*RV*9123123 N/LDTM*050*990503 N/LN1*ST**92*RC N/LN1*SU**92*12345S1 N/LRCD**1005*PC***5*PC*03 N/LSN1**1000*PC N/LLIN**BP*1818181C1 N/LRCD**1995*PC***5*PC*02 N/LSN1**2000*PC N/LLIN**BP*1818265C1 N/LCTT*2 N/LSE*15*0001 N/L**INTERPRETATION**

ANSI transaction set 861, transaction ID number 0001.

Original Document 99050386112345S1, Transaction Date 05/03/99.

The Shipment ID Number was 052516.

International assigned receipt number is 9123123.

The Received Date is 05/03/99.

The Ship To Location; Indianapolis Engine Plant.

The International Assigned Supplier Code 12345S1.

1005 pieces were received and the quantity was over by 5 pieces

Net quantity shipped is 1000 pieces. This Segment will echo the SN1 transmitted in the Ship Notice (856).

International Part Number is 1818181C1.

1995 pieces were received and the quantity was short by 5 pieces

Net quantity shipped is 2000 pieces. This Segment will echo the SN1 transmitted in the Ship Notice (856).

International Part Number is 1818265C1.

Total Number of RCD Segments Equals 2.

Number of included segments including the ST and the SE equals 15.