



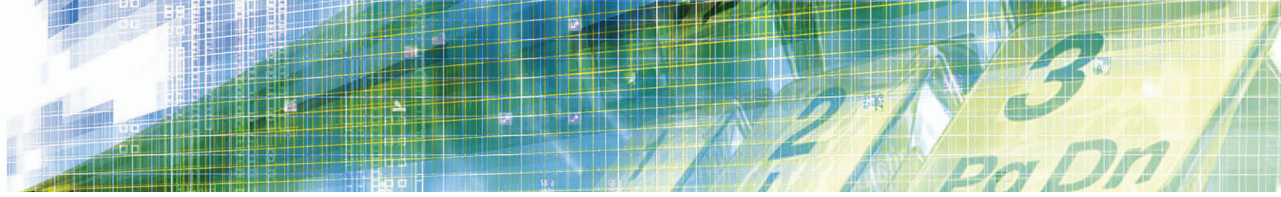
Fisher Scientific

Part of Thermo Fisher Scientific

EDI Specifications

855 - POA (Customer v4010)

December 2010



855

Purchase Order Acknowledgement- Functional Group=PR

VER. 4010

FISHER SCIENTIFIC

This Standard contains the format and establishes the data contents of the Fisher Scientific Customer Purchase Order Acknowledgement Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. Please refer to the *EDI Services Guide* for additional information. All information contained herein is subject to change at the discretion of Fisher Scientific Company, L.L.C.

Heading:

<u>POS</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BAK	Beginning Segment for Purchase Order Acknowledgement	M	1		
050	REF	Reference Identification	O	>1		
060	PER	Administrative Communications Contact		3		

LOOP ID - N1

200

300	N1	Name	O	1		
310	N2	Additional Name Information	O	2		
320	N3	Address Information	O	2		
330	N4	Geographic Information	O	1		

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>LOOP ID - PO1</u>						<u>100000</u>
010	PO1	Baseline Item Data	O	1		N1/010
040	CTP	Pricing Information	O	>1		

LOOP ID - PID

1000

050	PID	Product/Item Description	O	1		
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LOOP ID - ACK

104

270	ACK	Line Item Acknowledgement	O	1		
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LOOP ID - PKG

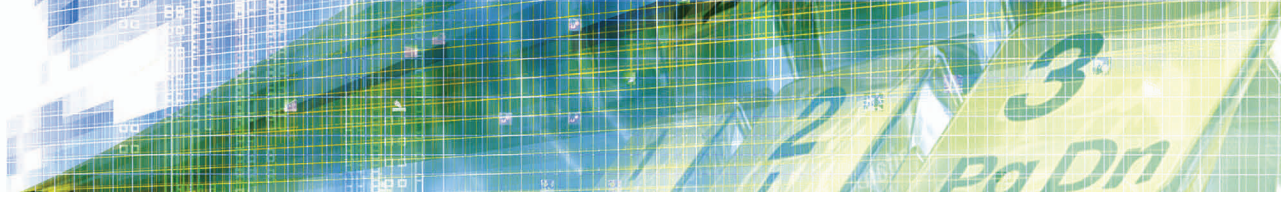
200

303	PKG	Marking, Packaging, Loading	O	1		
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LOOP ID - SCH

200

310	SCH	Line Item Schedule	O	1		N2/310
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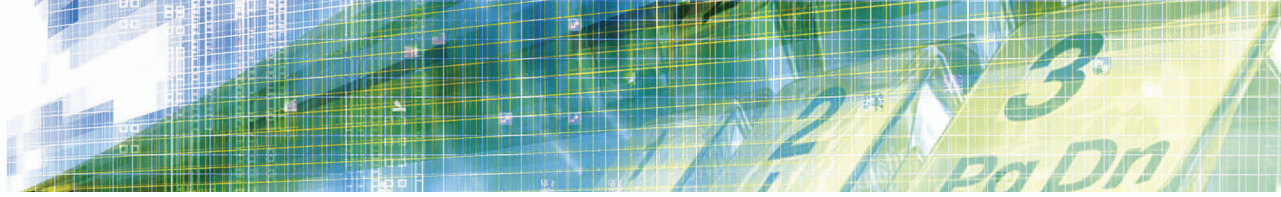


Summary:

<u>POS</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
<u>LOOP ID - CTT</u>						<u>1</u>
010	CTT	Transaction Totals	O	1		N3/010
030	SE	Transaction Set Trailer	M	1		N3/070

Notes:

- 1/010 PO102 is required.
- 2/310 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 3/010 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.



ST

Transaction Set Header

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

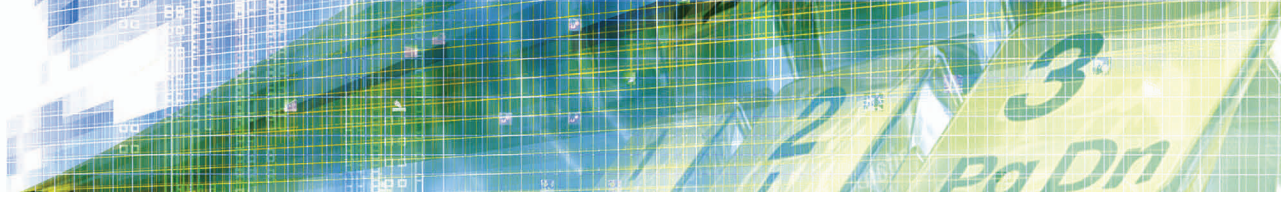
To indicate the start of a transaction set and to assign a control number.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>				
ST01	143	Transaction Set Identifier Code	M	ID	3/3					
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>855</td> <td>Purchase Order Acknowledgement</td> </tr> </table>	<u>Code</u>	<u>Name</u>	855	Purchase Order Acknowledgement				
<u>Code</u>	<u>Name</u>									
855	Purchase Order Acknowledgement									
ST02	329	Transaction Set Control Number	M	AN	4/9					

Semantics:

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



BAK Beginning Segment for Purchase Order Acknowledgement

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

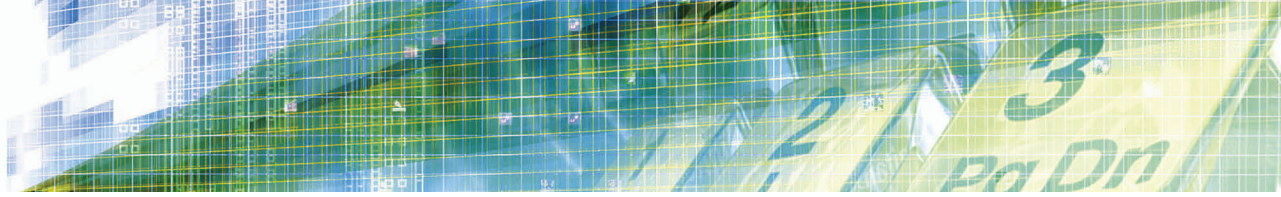
To indicate the beginning of the Purchase Order Acknowledgement Set and transmit identifying numbers and dates.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
BAK01	353	Transaction Set Purpose Code <u>Code</u> <u>Name</u> 00 Original	M	DT	2/2	
BAK02	587	Acknowledgement Type <u>Code</u> <u>Name</u> AC Acknowledge-With Detail and Change AD Acknowledge-With Detail, No Change AD Acknowledge-With Exception Detail Only AK Acknowledge-No Detail or Change	M	ID	2/2	
BAK03	324	Purchase Order Number	M	AN	1/22	
BAK04	373	Date	M	DT	8/8	
BAK05	328	Release Number	O	AN	1/30	
BAK08	127	Reference Identification	O	AN	1/30	

Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.
2. BAK08 is the seller's order number.



REF Reference Identification

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

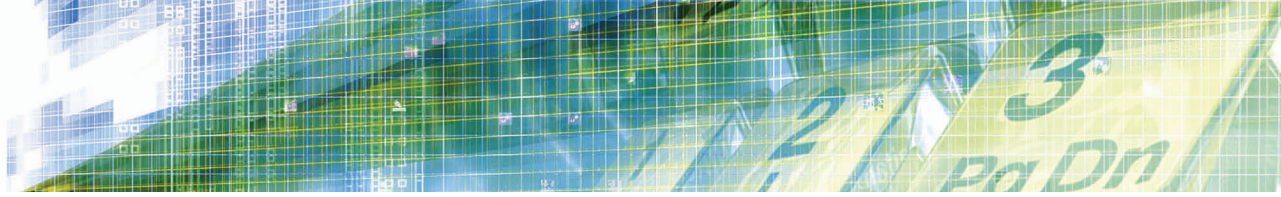
To specify identifying information.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	
		<u>Code</u> <u>Name</u>				
		RE Release Number				
		RQ Purchase Requisition Number				
REF02	127	Reference Identification	C	AN	1/30	
REF03	352	Description	C	AN	1/80	

Syntax:

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



PER Administrative Communications Contact

POS: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

To identify a person or office to whom administrative communications should be directed.

Element Summary:

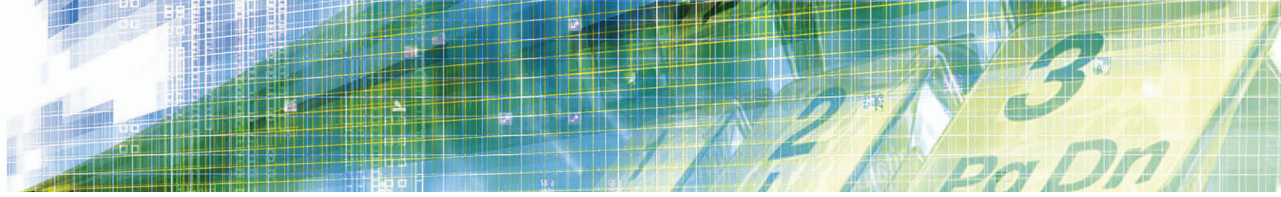
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PER01	366	Contact Function Code	M	ID	2/2	N1/366
		<u>Code</u> <u>Name</u>				
		BD Buyer name or Department				
		OC Order Contact				
PER02	93	Name	O	AN	1/60	
PER03	365	Communication Number Qualifier	C	ID	2/2	
		<u>Code</u> <u>Name</u>				
		TE Telephone				
PER04	364	Communication Number	C	AN	1/80	

Syntax:

1. P0304 -- If either PER03 or PER04 are present, then the others are required

Notes:

- 1/366 Please refer to the *EDI Services Guide* for additional requirements.



N1

Name

POS: 300 Max: 1
 Heading - Optional
 Loop: N1 Elements: 4

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

Element Summary:

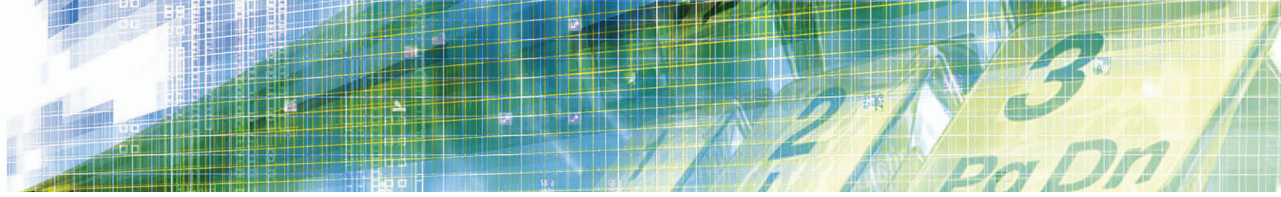
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
N101	98	Entity Identification Code <u>Code</u> <u>Name</u> BY Buying Party (Purchaser)	M	ID	2/3	
N102	93	Name	C	AN	1/60	
N103	66	Identification Code Qualifier <u>Code</u> <u>Name</u> 91 Assigned by Seller or Seller's Agent	C	ID	1/2	
N104	67	Identification Code	C	AN	2/80	

Syntax:

1. R0203 -- At least one of N102 or N103 is required.
2. 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.



N2

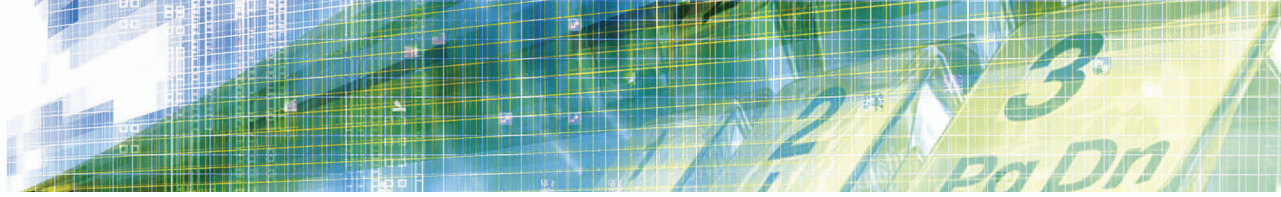
Additional Name Information

POS: 310	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
N201	93	Name	M	AN	1/60	
N202	93	Name	C	AN	1/60	



N4

Geographic Location

POS: 330 Max: 1
 Heading - Optional
 Loop: N1 Elements: 3

To specify the geographic place of the named party.

Element Summary:

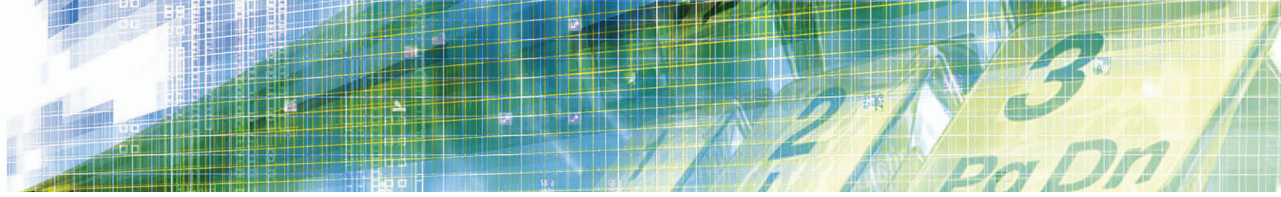
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
N402	19	City Name	O	AN	2/30	
N403	156	State or Province Code	O	ID	2/2	
N404	116	Postal Code	O	ID	3/15	

Syntax:

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

Comments:

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



PO1 Baseline Item Data

POS: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 8

To specify basic and most frequently used line item data.

Element Summary:

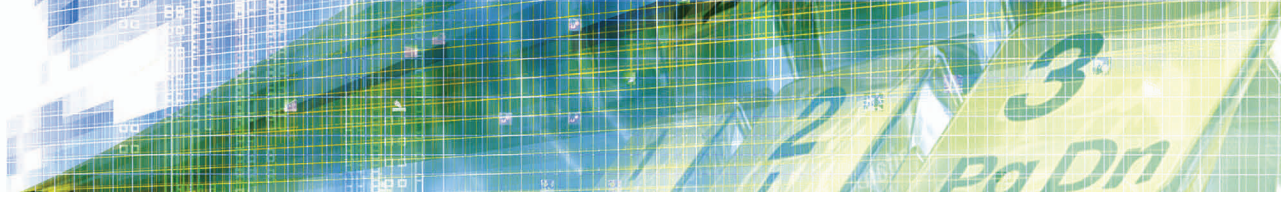
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PO101	350	Assigned Identification	O	AN	1/20	
PO102	330	Quantity Ordered	C	R	1/15	
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
		GR Gross				
		PC Piece				
		PK Pack (PAK)				
PO104	212	Unit Price	C	R	1/17	
PO106	235	Product/Service ID Qualifier	C	ID	2/2	
		<u>Code</u> <u>Name</u>				
		VC Vendor's (Seller's) Catalog Number				
PO107	234	Product/Service ID	C	AN	1/48	
PO108	235	Product/Service ID Qualifier	C	ID	2/2	
		<u>Code</u> <u>Name</u>				
		CB Buyer's Catalog Number				
PO109	234	Product/Service ID	C	AN	1/48	

Syntax:

1. C0302 -- If PO103 is present, than PO102 is required
2. C0504 -- If PO105 is present, than PO104 is required
3. P0607 -- If either PO106 or PO107 are present, then the others are required.
4. P0809 -- If either PO108 or PO109 are present, then the others are required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C., No., ISBN No., Model No., or SKU.



CTP Pricing Information

POS: 040	Max: >1
Detail - Optional	
Loop: PO1	Elements: 4

To specify pricing information.

Element Summary:

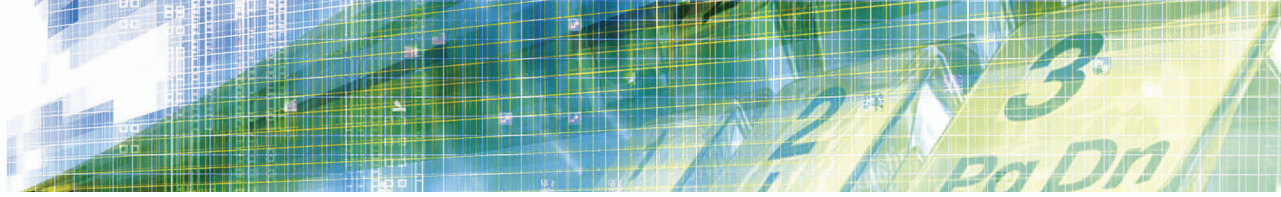
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
CTP02	236	Price Identifier Code	C	ID	3/3	
		<u>Code</u> <u>Name</u>				
		F Free-form				
CTP03	212	Unit Price	C	R	1/17	
CTP04	380	Quantity	C	R	1/15	
CTP05	C001	Composite Unit of Measure	C	Comp		
	355	<u>Code</u> <u>Name</u>	M	ID	2/2	
		CA Case				
		EA Each				
		GR Gross				
		PC Piece				
		PK Pack (PAK)				
	1018	Exponent	O	R	1/15	
	649	Multiplier	O	R	1/10	

Syntax:

1. P0405 -- If either CTP04 or CTP05 are present, then the others are required.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.



PID

Product/Item Description

POS: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

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

Element Summary:

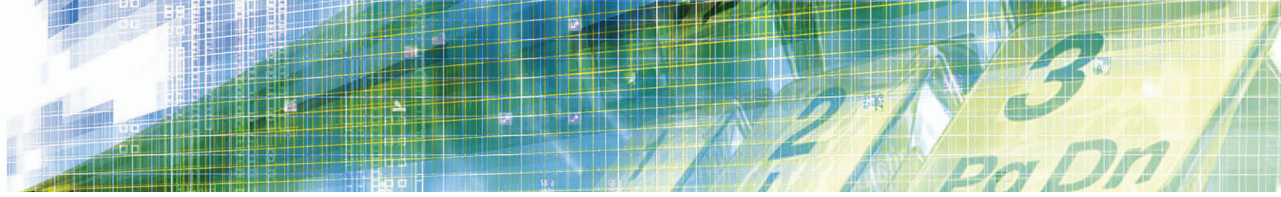
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PID01	349	Item Description Type <u>Code</u> <u>Name</u> F Free-form	M	ID	1/1	
PID05	352	Description	C	AN	1/80	

Syntax:

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

Comments:

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



ACK Line Item Acknowledgement

POS: 270	Max: 1
Detail - Optional	
Loop: ACK	Elements: 6

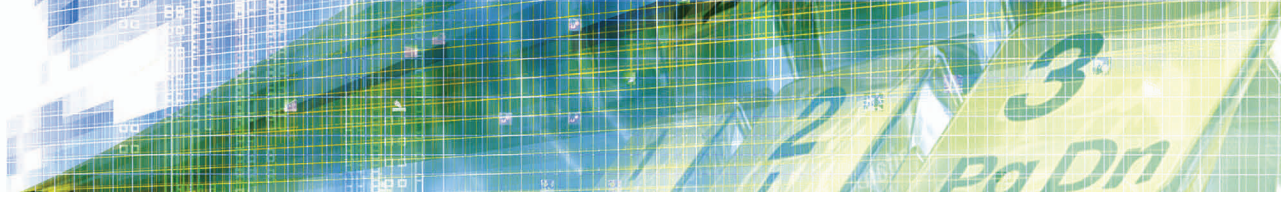
To acknowledge the ordered quantities and specify the ready date for a specific line item.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
ACK01	668	Line Item Status Code <u>Code</u> <u>Name</u> IA Item Accepted IB Item Backordered IP Item Accepted-Price Changed IR Item Rejected IS Item Accepted-Substitution Made	M	ID	2/2	
ACK02	380	Quantity	C	R	1/15	
ACK03	355	Unit or Basis of Measurement Code <u>Code</u> <u>Name</u> CA Case EA Each GR Gross PC Piece PK Pack (PAK)	C	ID	2/2	
ACK04	374	Date/Time Qualifier <u>Code</u> <u>Name</u> 011 Shipped 017 Estimated Delivery	O	ID	3/3	
ACK05	373	Date	C	DT	8/8	
ACK07	235	Product/Service ID Qualifier	C	ID	2/2	
ACK08	234	Product/Service ID	C	AN	1/48	

Syntax:

1. P0203 -- If either ACK02 or ACK03 are present, then the others are required.
2. C0405 -- If ACK04 is present, than ACK05 is required
3. P0708 -- If either ACK07 or ACK08 are present, then the others are required.



PKG Marking, Packaging, Loading

POS: 303	Max: 1
Detail - Optional	
Loop: PKG	Elements: 5

To describe marking, packaging, loading and unloading requirements.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PKG01	349	Item Description Type <u>Code</u> <u>Name</u> F Free-form	C	ID	1/1	
PKG02	753	Packaging Characteristic Code	O	ID	1/5	
PKG03	559	Agency Qualifier Code	C	ID	2/2	
PKG04	754	Packaging Description Code	O	AN	1/7	
PKG05	352	Description	C	AN	1/80	

Syntax:

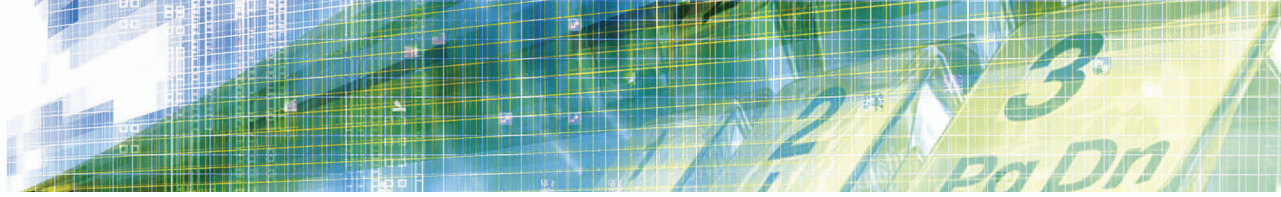
1. R040506 -- At least one of PKG04, PKG05 or PKG06 is required.
2. C0403 -- If PKG04 is present, than PKG03 is required
3. C0501 -- If PKG05 is present, than PKG01 is required

Semantics:

1. PKG04 should be used for industry-specific packaging description codes.

Comments:

1. Use MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2. If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
3. Use PKG03 to indicate the organization that publishes the code list being referred to.
4. Special marking or tagging data can be given in PKG05 (description).



SCH Line Item Schedule

POS: 310 Max: 1
 Detail - Optional
 Loop: SCH Elements: 4

To specify the data for scheduling a specific line-item.

Element Summary:

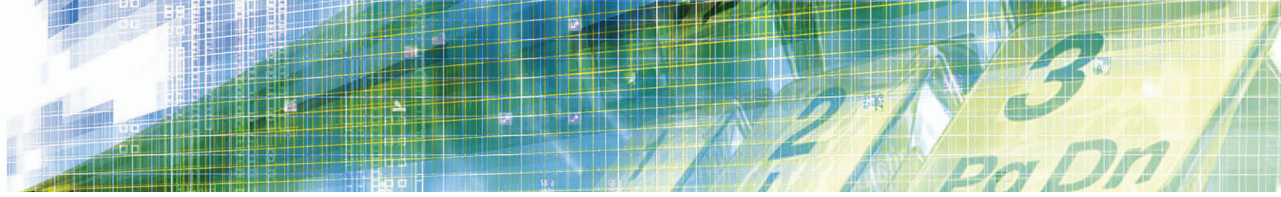
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
SCH01	380	Quantity	M	R	1/15	
SCH02	355	Unit or Basis of Measurement Code	M	ID	2/2	
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
		GR Gross				
		PC Piece				
		PK Pack (PAK)				
SCH05	374	Date/Time Qualifier	M	ID	3/3	
SCH06	373	Date	M	DT	8/8	

Syntax:

1. C0304 -- If SCH03 is present, than SCH04 is required

Comments:

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.



CTT Transaction Totals

POS: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

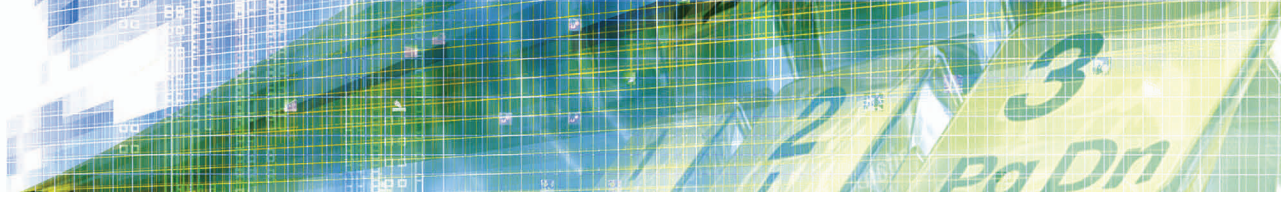
To transmit a has total for a specific element in the transaction set.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
CTT01	354	Number of Line Items	M	N0	1/6	
CTT02	347	Hash Total	O	R	1/10	

Comments:

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



SE

Transaction Set Trailer

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

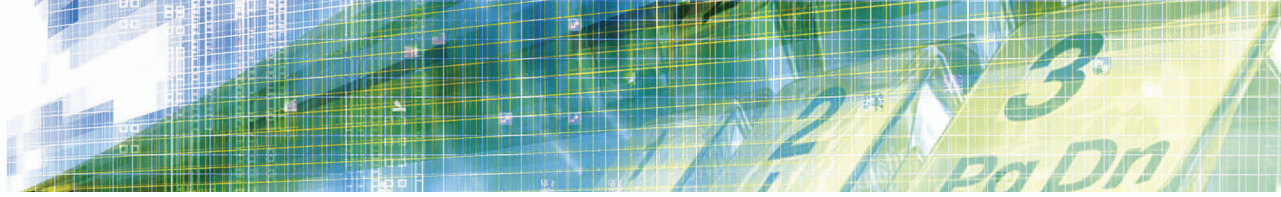
To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
SE01	96	Number of Included Segments	M	N0	1/10	
SE02	329	Transaction Set Control Number	M	AN	4/9	

Comments:

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



Sample 855:

Below is a complete example of an 855 transmission:

```
ISA*00*      *00*      *14*004321519IBMP *ZZ*7777777777
  *070920*1122*U*00401*000396783*0*P*>
GS*PR*004321519*7777777777*20070920*1122*396783*X*004010
ST*855*562330
BAK*00*AD*1114204*20070920****72635386
N1*BY*SPECIAL LABS*91*999999001
N3*1000 PENNSYLVANIA AVE
N4*PITTSBURGH*PA*15222
N1*BT*SPECIAL LABS*92*999999001
N1*ST*SPECIAL LABS*91*999999001
N1*VN*FISHER SCIENTIFIC
PO1*1*1*PK*80.5**VC*1230345*CB*1230345
PID*F***TRIAGE DOA PANEL 25/PK
ACK*IA*1*PK*017*20070926*CDC*VC*1230345
SCH*1*PK***017*20070926
CTT*1*1
SE*14*562330
GE*1*396783
IEA*1*000396783
```