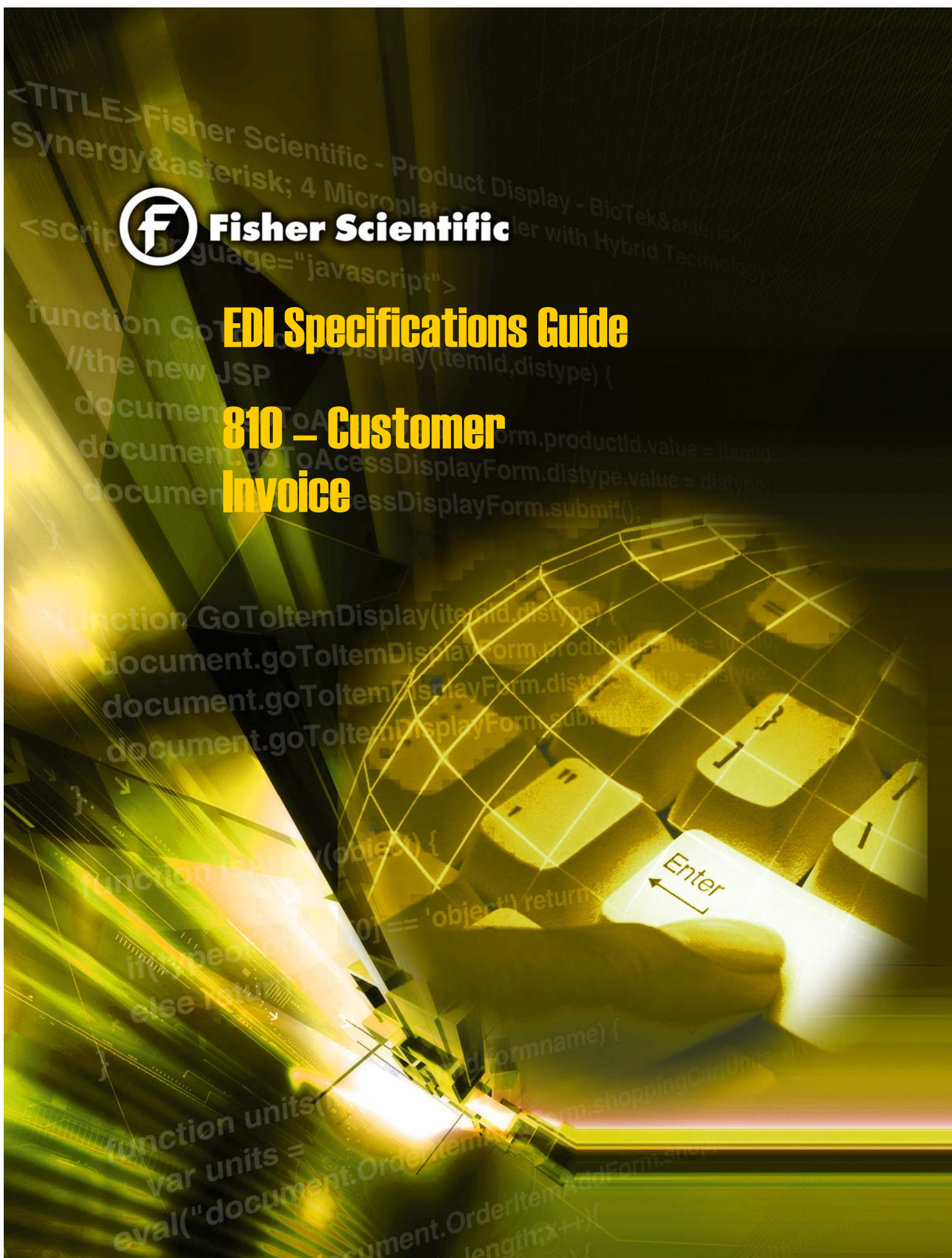




Fisher Scientific

EDI Specifications Guide

810 – Customer Invoice



810

Invoice - Functional Group=IN

VER. 4010

FISHER SCIENTIFIC

This Standard contains the format and establishes the data contents of the Fisher Scientific Customer Invoice Transaction Set (810) 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	BIG	Beginning Segment for Invoice	M	1		
030	NTE	Note/Special Instruction	O	100		
LOOP ID - N1					200	
070	N1	Name	O	1		
080	N2	Additional Name Information	O	2		
090	N3	Address Information	O	2		
100	N4	Geographic Location	O	1		
130	ITD	Terms of Sale/Deferred Terms of Sale	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>
LOOP ID - IT1					200000	
010	IT1	Baseline Item Data (Invoice)	O	1		
LOOP ID - PID					1000	
060	PID	Product/Item Description	O	1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	TDS	Total Monetary Value Summary	M	1		
020	TXI	Tax Information	O	10		
LOOP ID - SAC					25	
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
070	CTT	Transaction Totals	O	1		N3/070

Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3
		<u>Code</u> <u>NAME</u>			
		810 Invoice			
ST02	329	Transaction Set Control Number	M	AN	4/9

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).

BIG Beginning Segment for Invoice

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

To indicate the beginning of the Invoice Transaction Set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
BIG01	373	Date	M	DT	8/8	
BIG02	76	Invoice Number	M	AN	1/22	N/76
BIG03	373	Date	O	DT	8/8	
BIG04	324	Purchase Order Number	O	AN	1/22	
BIG05	328	Release Number	O	AN	1/30	
BIG06	327	Change Order Sequence Number	O	AN	1/8	
BIG07	640	Transaction Type Code	O	ID	2/2	
		<u>Code</u> <u>NAME</u>				
		CR Credit Memo				

Semantics:

- BIG01 is the invoice issue date.
- BIG03 is the date assigned by the purchaser to purchase order.

Comments:

- BIG07 is used only to further define the type of invoice when needed.

Notes:

N/76 Please refer to *EDI Services Guide* for additional requirements.

NTE Note/Special Instructions

Pos: 030	Max: 100
Heading - Optional	
Loop: N/A	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
NTE01	363	Note Reference Code <u>Code NAME</u> GEN Entire Transaction Set	O	ID	3/3
NTE02	352	Description	M	AN	1/80

Comments:

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

N1 Name

Pos: 070	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>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>NAME</u>			
		BT Bill-to-Party			
		RE Party to receive commercial invoice remittance			
		SE Selling Party			
		ST Ship To			
N102	93	Name	C	AN	1/60
N103	66	Identification Code Qualifier	C	ID	1/2
		<u>Code</u> <u>NAME</u>			
		1 D-U-N-S Number,Dun & Bradstreet			
		91 Assigned by Seller or Seller's Agent			
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: 080	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>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N201	93	Name	M	AN	1/60
N202	93	Name	O	AN	1/60

N3 Address Information

Pos: 090	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55

N4 Geographic Location

Pos: 100	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>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O	ID	2/2
N403	116	Postal Code	O	ID	3/15

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.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
ITD01	336	Terms Type Code <u>Code NAME</u>	O	ID	2/2	
		05 Discount Not Applicable				
ITD02	333	Terms Basis Date Code <u>Code NAME</u>	O	ID	1/2	
		ZZ Mutually Defined				
ITD07	386	Terms Net Days	O	N0	1/3	N/386

Comments:

- If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Notes:

N/386 Please refer to *EDI Services Guide* for additional requirements.

IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elements: 7

To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IT101	350	Assigned Identification	O	AN	1/20
IT102	358	Quantity Invoiced	C	R	1/10
IT103	355	Unit or Basis for Measurement Code	C	ID	2/2
		<u>Code</u> <u>NAME</u>			
		CA Case			
		EA Each			
		GR Gross			
		PC Piece			
		PK Pack (PAK)			
IT104	212	Unit Price	C	R	1/17
IT105	639	Basis of Unit Price Code	O	ID	2/2
		<u>Code</u> <u>NAME</u>			
		PE Price per Each			
IT106	235	Product/Service ID Qualifier	C	ID	2/2
		<u>Code</u> <u>NAME</u>			
		BP Buyer's Part Number			
		CB Buyer's Catalog Number			
		VC Vendor's (Seller's) Catalog Number			
		VN Vendor's (Seller's) Item Number			
		VP Vendor's (Seller's) Part Number			
IT107	234	Product/Service ID	C	AN	1/48

Syntax:

1. P020304 -- If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 -- If either IT106 or IT107 are present, then the others are required.
3. P0809 -- If either IT108 or IT109 are present, then the others are required.
4. P1011 -- If either IT110 or IT111 are present, then the others are required.
5. P1213 -- If either IT112 or IT113 are present, then the others are required.
6. P1415 -- If either IT114 or IT115 are present, then the others are required.
7. P1617 -- If either IT116 or IT117 are present, then the others are required.
8. P1819 -- If either IT118 or IT119 are present, then the others are required.
9. P2021 -- If either IT120 or IT121 are present, then the others are required.
10. P2223 -- If either IT122 or IT123 are present, then the others are required.
11. P2425 -- If either IT124 or IT125 are present, then the others are required.

Semantics:

1. IT101 is the purchase order line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

PID Product/Item Description

Pos: 060	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>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PID01	349	Item Description Type	M	ID	1/1
		<u>Code</u> <u>NAME</u>			
		F Free-form			
PID05	352	Description	C	AN	1/80

Syntax:

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

Comments:

- 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.

TDS Total Monetary Value Summary

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

To specify the total invoice discounts and amounts

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TDS01	610	Amount	M	N2	1/15

Semantics:

- TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).

TXI Tax Information

Pos: 020	Max: 10
Summary - Optional	
Loop: N/A	Elements: 4

To specify tax information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TXI01	963	Tax Type Code <u>Code</u> <u>NAME</u> ST State Sales Tax	M	ID	2/2
TXI02	782	Monetary Amount	C	R	1/18
TXI04	955	Tax Jurisdiction Code Qualifier <u>Code</u> <u>NAME</u> CD Customer defined	C	ID	2/2
TXI05	956	Tax Jurisdiction Code	C	AN	1/10

Syntax:

- R020306 -- At least one of TXI02, TXI03 or TXI06 is required.
- P0405 -- If either TXI04 or TXI05 are present, then the others are required.

Semantics:

- TXI02 is the monetary amount of the tax.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Heading - Optional	
Loop: SAC	Elements: 5

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
SAC01	248	Allowance or Charge Indicator <u>Code</u> <u>NAME</u> A Allowance C Charge	M	ID	1/1	
SAC02	1300	Service, Promotion, Allowance, or Charge Code <u>Code</u> <u>NAME</u> A010 Absolute Minimum Charge C310 Discount C510 Dry Ice D240 Freight D540 Hazardous Materials Handling Fee - Domestic D820 Inside Delivery F150 Packaging Service F155 Packaging F230 Penalty Charge G470 Restocking Charge G830 Shipping and Handling H750 Tax - Sales Tax (State and Local) I250 Transportation Charge (Minimum Rate) I530 Volume Discount ZZZZ Mutually Defined	C	ID	4/4	N/1300
SAC05	610	Amount	O	N2	1/15	
SAC12	331	Allowance or Charge Method of Handling Code <u>Code</u> <u>NAME</u> 02 Off Invoice 06 Charge to be Paid by Customer	O	ID	2/2	
SAC15	352	Description	C	AN	1/80	

Syntax:

1. R0203 -- At least one of SAC02 or SAC03 is required.

Semantics:

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.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

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.
3. 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:

N/1300 Please refer to *EDI Services Guide* for additional requirements.

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

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>
CTT01	354	Number of Line Items	M	N0	1/6

Comments:

1. This segment is intended to provide hash 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>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</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.

Below is a complete example of an 810 transmission:

```
ISA*00*          *00*          *14*004321519IBMP *ZZ*7777777777 *071004*0358*U*00401*000009770*0*P*>
GS*IN*004321519*7777777777*20071004*0358*9770*X*004010
ST*810*9770
BIC*20071003*3150805*20070925*25025003
N1*BT*SPECIAL LABS*91*999999001
N2*1000 PENNSYLVANIA AVE
N4*PITTSBURGH*PA*15222
N1*ST*SPECIAL LABS*91*999999001
N3*1000 PENNSYLVANIA AVE
N4*PITTSBURGH*PA*15222
N1*RE*FISHER SCIENTIFIC COMPANY LLC*1*004321519
N3*2000 PARK LANE
N4*PITTSBURG*PA*15275
ITD*05*ZZ*****30
IT1*001*2*EA*194.35*PE*VP*1230345
PID*F****TRIAGE DOA PANEL 25/PK
TDS*41520
SAC*C*I250***1450*****06***TRANSPORTATION CHARGE
CTT*1
SE*20*9770
GE*1*9770
IEA*1*000009770
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