Fisher Scientific 810 Invoice Implementation Guideline

ANSI X12 Version Release 004010

This implementation guideline is intended to communicate the specifics of Fisher Scientific's Vendor EDI Invoice(810). It is not designed to replace the EDI standards manuals commercially available. This has been created to assist our trading partners to correctly format the ANSI X12 Version Release 004010 810 we receive.

This document is divided into four sections. The first section covers the Interchange Control and Function Group segments; pages 2-3. The second section covers the segments used in the 810 transaction set; pages 4-7. Third is a complete 810 transmission example; page 8. Lastly, page 9 is a comparison between our existing version 002002/003010 and our new 004010 implementations.

The contents of this document were accurate at the time of its creation. However, it should be noted that improvements and changes are introduced which may not always be communicated to vendors that have not yet implemented EDI Invoices with Fisher. If you are considering sending 810s to Fisher Scientific, you may want to contact the vendor EDI staff to verify your copy of this documentation is current.

Our default element seperator is EBCDIC hex value '5C'. The segment terminator is EBCDIC hex value '15'. The component element seperator is EBCDIC hex value '1C'. These special values can be modified at your request.

Fisher Scientific vendor EDI currently uses IBM Global Services Information Exchange (a.k.a. Advantis) as our VAN. Our Account / User-ID is: FSIO / FSIA001.

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Interchange Control and Function Group Segments.

Seg. ID.	Max. Use	* - Fisher Required	Page
ISA	1	*	2
GS	1	*	2
GE	1	*	3
IEA	1	*	3

`*`– 'Fisher Required' indicates this segment must included.

ISA segment – Interchange Control Header

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
ISA01	I01	M	ID	2/2	'00' - zeroes – Authorization Information Qualifier
ISA02	I02	M	AN	10/10	blanks– Authorization Information
ISA03	I03	M	ID	2/2	'00' - zeroes – Security Information Qualifier
ISA04	I04	M	AN	10/10	blanks – Security Information
ISA05	I05	M	ID	2/2	Vendor Interchange Sender ID Qualifier
ISA06	I07	M	AN	15/15	Vendor Interchange Sender ID
ISA07	I05	M	ID	2/2	'09' – Fisher Interchange Receiver ID Qualifier
ISA08	I06	M	AN	15/15	'004321519VNDP' – Fisher Interchange Receiver ID
ISA09	I08	M	DT	6/6	Interchange Date - YYMMDD
ISA10	I09	M	TM	6/6	Interchange Time - HHMM
ISA11	I10	M	ID	1/1	'U' – Interchange Control Standards Identifier
ISA12	I11	M	ID	5/5	'00401' – Interchange Control Version Number
ISA13	I12	M	N0	9/9	Interchange Control Number – Matches IEA02
ISA14	I13	M	ID	1/1	'0' – Acknowledgement Requested
ISA15	I14	M	ID	1/1	'P' – Usage Indicator
ISA16	I15	M	AN	1/1	Hex '1C' – Component Element Seperator

```
Example:     ISA*00*              *00*              *ZZ*7777777
             *09*004321519VNDP    *990205*0849*U*00401*000000013*0*P*.▣
```

◆

GS segment – Function Group Header

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
GS01	479	M	ID	2/2	'IN' - Functional Identifier Code - Invoice Information(810)
GS02	142	M	AN	2/15	Vendor Application Sender ID
GS03	142	M	AN	2/15	'004321519' – Fisher Application Receiver ID
GS04	373	M/Z	DT	8/8	Date - CCYYMMDD
GS05	337	M/Z	TM	4/8	Time - HHMM
GS06	028	M/Z	N0	1/9	Group Control Number – Matches GE02
GS07	455	M	ID	1/2	'X' – Responsible Agency Code
GS08	480	M	AN	1/12	'004010' - Version/Release

Example: `GS*IN*7777777*004321519*19990205*0849*11*X*004010◆`

GE segment – Function Group Trailer

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
GE01	097	M	N0	1/6	Number of Transaction Sets Included
GE02	028	M/Z	N0	1/9	Group Control Number – Matches GS06

Example: `GE*1*11◆`

IEA segment – Interchange Control Trailer

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
IEA01	I16	M	N0	1/5	Number of Functional Groups Included
IEA02	I12	M	N0	9/9	Interchange Control Number – Matches ISA13

Example: `IEA*1*000000013◆`

ANSI X12 Version Release 004010

810 Transaction Set Segments.

Table 1 – Heading

Seg. ID.	Fisher Max. Use	* - Fisher Required	Page
ST	1	*	5
BIG	1	*	5
N1	1	*	5

Table 2 - Detail

IT1	1 per loop	*	6
PID	1 per loop	*	6
SLN	50		6

Table 3 – Summary

TDS	1	*	7
SAC	1		7
SE	1	*	7

*– 'Fisher Required' indicates this segment must included in the transaction set.

ANSI X12 Version Release 004010

ST segment – Table 1

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
ST01	143	M/Z	ID	3/3	'810' – Transaction Set Identifier Code (Invoice)
ST02	329	M	AN	4/9	Transaction Set Control Number – Matches SE02

Example: ST*850*0013◆

BIG segment – Table 1

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
BIG01	373	M	DT	8/8	Vendor Invoice Date - CCYYMMDD
BIG02	076	M	AN	1/22	Vendor Invoice Number
BIG03	373	O	DT	8/8	Not Used by Fisher
BIG04	324	M	AN	1/22	Fisher Purchase Order Number (Must be accurate – 9 characters long)
BIG05	328	O	AN	1/30	Not Used by Fisher
BIG06	327	O	AN	1/8	Not Used by Fisher
BIG07	640	M	ID	2/2	Transaction Type Code 'DI' – Debit Invoice 'DR' – Debit Memo 'CN' – Credit Invoice 'CR' – Credit Memo

Example: BIG*19990202*A10055**PR1224575***DI◆

N1 segment – Table 1 – Loop ID: N1

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
N101	098	M	ID	2/2	'RE' – Remit To 'VN' – Vendor 'MF' – Manufacturer of Goods
N102	093	M	AN	1/30	Vendor Name

Example: N1*RE*VENDOR NAME◆

Note for the N1 loop: Fisher requires only one N1 loop segment, with a qualifier of 'RE' or 'VN' or 'MF'. All other N1 loop segments are discarded.

IT1 segment – Table 2

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
IT101	350	X	AN	1/20	PO Line Number from Fisher Purchase Order – length=3
IT102	358	X	R	1/10	Quantity Invoiced
IT103	355	X	ID	2/2	PO Unit of Measure Code from Fisher Purchase Order
IT104	212	X	R	1/17	PO Unit Price from Fisher Purchase Order
IT105	639	O	ID	2/2	Not Used by Fisher
IT106	235	X	ID	2/2	'CB' – Buyer's Catalog Number 'BP' – Buyer's Part Number 'VC' – Vendor's Catalog Number 'VP' – Vendor's Part Number (see note below)
IT107	234	X	AN	1/48	Catalog/Part Number Product ID (see note below)

Example: IT1*001*2*EA*99.99**VC*7654321*CB*23194324◆

IT106/07 Note: You must provide either the 'CB|BP' qualifier with Fisher's part number -or- the 'VC|VP' qualifier with the Vendor's part number <u>exactly as sent on the 850-PO</u>. If both are provided, only the 'CB|BP' will be used.

PID segment – Table 2

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
PID01	349	M	ID	1/1	'F' - Free-form
PID02	750	O	ID	2/3	Not Used by Fisher
PID03	559	O	ID	2/2	Not Used by Fisher
PID04	751	O	AN	1/12	Not Used by Fisher
PID05	352	M	AN	1/80	Product Description

Example: PID*F****4C PLUS TRIPACK 9X3.3ML/PK◆

SLN segment – Table 2

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
SLN01	350	M	AN	1/20	Assigned Identification – Vendor assigned sequential number
SLN02	350	O	AN	1/2	Not Used by Fisher
SLN03	662	M	ID	1/1	'I' - Included
SLN04	380	M	R	1/15	Quantity – Must match the corresponding and preceding IT102
SLN05	C001	M	~	~	*Composite Data Element*
	355	M	ID	2/2	PO Unit of Measure Code from Fisher Purchase Order
SLN06	212	O	R	1/17	Not Used by Fisher
SLN07	639	O	ID	2/2	Not Used by Fisher
SLN08	662	O	ID	1/1	Not Used by Fisher
SLN09	235	M	ID	2/2	'LT' – Lot Number
SLN10	234	M	AN	1/48	Lot Number

Example: SLN*001**I*5*EA****LT*N18554◆

SLN Note: The SLN segment is required from vendors submitting 810 line items that are 'Lot Controlled'. If there is more than one lot number for a product, provide as many SLN segments as are needed. (A maximum of 50 are permitted.)   This segment is not required unless specifically requested by Fisher.

ANSI X12 Version Release 004010

TDS segment – Table 3

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
TDS01	610	M	N2	1/15	Total Invoice Amount (Includes any SAC amount)

Example: TDS*20898◆

SAC segment – Table 3

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
SAC01	248	M	ID	1/1	'C' - Charge
SAC02	1300	M	ID	4/4	'I250' – Transportation Charge (see note below)
SAC03	559	O	ID	2/2	Not Used by Fisher
SAC04	1301	O	AN	1/10	Not Used by Fisher
SAC05	610	M	N2	1/15	Amount of Freight Charge
SAC06	378	O	ID	1/1	Not Used by Fisher
SAC07	332	O	R	1/6	Not Used by Fisher
SAC08	118	O	R	1/9	Not Used by Fisher
SAC09	355	O	ID	2/2	Not Used by Fisher
SAC10	380	O	R	1/15	Not Used by Fisher
SAC11	380	O	R	1/15	Not Used by Fisher
SAC12	331	M	ID	2/2	'06' – Charge to be Paid by Customer

Example: SAC*C*I250***900*******06◆

SAC02 Note: The code of 'I250' is for Freight Charges only. Any other charges require a different code.
               These can be obtained by contacting Fisher's Accounts Payable department.

SE segment – Table 3

Ref	Ele ID	Fisher Attributes			Fisher Scientific Implementation Notes
SE01	096	M	N0	1/10	Number of Included Segments (ST thru SE segments).
SE02	329	M	AN	4/9	Transaction Set Control Number – Matches ST02

Example: SE*9*0013◆

ANSI X12 Version Release 004010

Below is an example of a complete version 004010 810 transmission.

```
ISA*00*           *00*           *ZZ*7777777        *09*004321519VNDP
    *990202*0849*U*00401*000000013*0*P*.⊞◆
GS*IN*7777777*004321519*19990202*0849*11*X*004010◆
ST*850*0013◆
BIG*19990202*A10055**PR1224575***DI◆
N1*RE*VENDOR NAME◆
IT1*001*2*EA*99.99**VC*7654321*CB*23194324◆
PID*F****4C PLUS TRIPACK 9X3.3ML/PK◆
SLN*001**I*2*EA****LT*N18554◆
TDS*20898◆
SAC*C*I250***900*******06◆
SE*9*0013◆
GE*1*11◆
IEA*1*000000013◆
```

This comparison chart is *specifically* for Fisher's 810 implementation, and as such is not designed as a complete comparison between the versions. It is intended as a tool to assist existing 810 trading partners in their conversion from 002002/003010 to 004010. Other changes have occurred between these versions, but because Fisher Scientific does not use those segments and/or elements, they are not in this chart. Additionally, some elements have had length changes, but the business content used by Fisher has not changed, this results in no change in the actual EDI data delivered.

002002 003010	004010	Fisher Comparison
ISA	ISA	OK
GS	GS	GS04 Date length increase from 6-8 (element 029 becomes 373)
BIG	BIG	BIG01 Date length increase from 6-8 (element 245 becomes 373)
N1	N1	OK
IT1	IT1	OK
PID	PID	OK
SLN	SLN	SLN03 changes from element 661 to 662, but no impact. SLN05 changes from element 355 to composite element C001. However, Fisher only uses the first element in the composite, so there is little effect.
TDS	TDS	TDS01 changes from element 361 to 610, but no impact.
ITA	SAC	Significant changes. Please refer to the specific SAC segment layout in this document.
SE	SE	OK
IEA	IEA	OK

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ANSI X12 Version Release 004010