

This implementation guideline is intended to communicate the specifics of Fisher Scientific's EDI Purchase Orders(850). It is not designed to replace the EDI standards manuals commercially available. This has been created to assist our trading partners to correctly interpret the ANSI X12 850 we transmit.

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 850 transaction set; pages 4-9. Third is a complete 850 transmission example; page 10. And lastly, page 11 is a comparison chart between our 003040 and 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 POs with Fisher. If you are considering receiving 850s from Fisher Scientific, you may want to contact the vendor EDI staff to verify your copy of this documentation is current.

Not all segments are delivered to all vendors. Some customization is available and will be established during testing. Our default element separator is EBCDIC hex value '5C'. The segment terminator is EBCDIC hex value '15'. The component element separator 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: FSI0 / FSIA001.

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# **Fisher Scientific 850 Purchase Order Implementation Guideline**

ANSI X12 Version Release 004010

## GE segment – Function Group Trailer

<i>Ref</i>	<i>Ele ID</i>	<i>Attributes</i>			<i>Fisher Scientific Implementation Notes</i>
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

<i>Ref</i>	<i>Ele ID</i>	<i>Attributes</i>			<i>Fisher Scientific Implementation Notes</i>
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◆

**Fisher Scientific 850 segments.**

Table 1 – Heading

Seg. ID.	Req Des.	Max. Use	* - Fisher Required
ST	M	1	*
BEG	M	1	*
PER	O	3	
FOB	O	>1	
N9	O	1	*
MSG	O	1000	*
N1	O	1	*
N2	O	2	
N3	O	2	*
N4	O	>1	*
REF	O	12	
PER	O	>1	

Table 2 - Detail

PO1	M	1	*
PID	O	1	
PWK	O	25	
DTM	O	10	
AMT	O	1	

Table 3 – Summary

CTT	O	1	*
AMT	O	1	*
SE	M	1	*

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## ST segment – Table 1

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
ST01	143	M/Z	ID	3/3	'850' – Purchase Order
ST02	329	M	AN	4/9	Transaction Set Control Number – Matches SE02

Example: ST\*850\*0013◆

## BEG segment – Table 1

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
BEG01	353	M	ID	2/2	Always '00' for original PO
BEG02	092	M	ID	2/2	'SA' - Stand-Alone Order – Warehouse Shipment 'DS' – Drop Shipment – Directly to Customer
BEG03	324	M	AN	1/22	Purchase Order Number
BEG04	328	O	AN	1/30	N/A
BEG05	323	O	DT	8/8	Purchase Order Date - CCYYMMDD

Example: BEG\*00\*DS\*DR3657333\*\*19981216◆

## PER segment – Table 1

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
PER01	366	M	ID	2/2	'BD' – Buyer Name
PER02	093	O	AN	1/60	Buyer's Name
PER03	365	X	AN	2/2	'TE' - Telephone
PER04	364	X	AN	1/80	Buyer's Telephone Number

Example: PER\*BD\*JEAN LUKE PICARD\*TE\*412-490-8888◆

## FOB segment – Table 1

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
FOB01	146	M/Z	ID	2/2	'PO' – Prepaid Only 'CC' – Collect 'DF' – Defined by Buyer
FOB02	309	X/Z	AN	1/2	'DE' – Destination 'CI' - City
FOB03	352	O	AN	1/80	City Name (CI)

Example: FOB\*DF\*DE◆

## N9 segment – Table 1 – Loop ID: N9

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
N901	128	M	ID	2/3	'L1' – Letters or Notes
N902	127	X	AN	1/30	'PO COMMENTS'

Example: N9\*L1\*PO COMMENTS◆

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MSG segment – Table 1 – Loop ID: N9

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
MSG01	933	M	AN	1/264	Free Form Text

Example:       MSG\*WHEN SHIPPING REFER TO CUSTOMER PO: NB9901604◆  
                  MSG\*ATTENTION: MANNY◆  
                  MSG\*CALLER: BONNIE X◆

N1 segment – Table 1 – Loop ID: N1

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
N101	098	M	ID	2/2	'BT' – Bill-To-Party 'ST' – Ship To 'VN' – Vendor
N102	093	X	AN	1/30	Name
N103	066	X	ID	1/2	'92' – Assigned By Buyer
N104	067	X	AN	1/80	Fisher Identification Number

Example:       N1\*BT\*FISHER SCIENTIFIC COMPANY\*92\*004321519B◆

Note for the N1 'ST' loop: If BEG02 = 'DS', the value in N104 does not represent an Identification Number for the Customer Site. For 'DS' orders, you should use the address information specified in the N1-N4 'ST' loop.

N2 segment – Table 1 – Loop ID: N1

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
N201	093	M	AN	1/80	Additional Address Information
N202	093	O	AN	1/80	Name

Example:       N2\*PO BOX 535700◆

N2 Note: The N2 segment is not normally delivered.

N3 segment – Table 1 – Loop ID: N1

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
N301	166	M	AN	1/55	Address Information
N302	166	O	AN	1/55	Address Information

Example:       N3\*4355 VARSITY DRIVE\*SUITE E◆

N4 segment – Table 1 – Loop ID: N1

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
N401	019	O	AN	2/30	City Name
N402	156	O	ID	2/2	State
N403	166	O	ID	3/15	Postal Code

Example:       N4\*TORRANCE\*CA\*90505◆

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REF segment – Table 1

<i>Ref</i>	<i>Ele ID</i>	<i>Attributes</i>			<i>Fisher Scientific Implementation Notes</i>
REF01	128	M	ID	2/3	`PO' – Purchase Order Number `SL' – Sales/Territory Code (Branch) `CR' – Customer Reference Number `SM' – Sales Office Number
REF02	127	X	AN	1/30	Customer PO Number (PO) Branch Code(SL) Customer Account Number(CR) Ordering Location Code(SM)

Examples: REF\*PO\*NB9901604◆  
REF\*CR\*53245102◆  
REF\*SM\*YBL◆

PER segment – Table 1

<i>Ref</i>	<i>Ele ID</i>	<i>Attributes</i>			<i>Fisher Scientific Implementation Notes</i>
PER01	366	M	ID	2/2	`DI' – Delivery Instructions Contact
PER02	093	O	AN	1/60	Delivery Contact (DI)

Examples: PER\*DI\*GARY HERBERT◆

PER Note: This is normally an attention line.

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PO1 segment – Table 2

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
PO101	350	O	AN	1/20	Assigned Identification Number
PO102	330	X	R	1/15	Quantity Ordered
PO103	355	O	ID	2/2	Unit of Measure
PO104	212	X	R	1/17	Unit Price
PO105	639	O	ID	2/2	'LE' – Catalog Price per Each
PO106	235	X	ID	2/2	'VC' – Vendor's Catalog Number
PO107	234	X	AN	1/48	Vendor's Product ID
PO108	235	X	ID	2/2	'CB' – Buyer's Catalog Number
PO109	234	X	AN	1/48	Fisher's Product ID

Example: PO1\*001\*2\*PH\*99.99\*LE\*VC\*7654321\*CB\*23194324◆

PO1 Note: Additional Product Qualifiers/IDs may be available by contacting the Fisher vendor EDI staff.

PID segment – Table 2

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
PID01	349	M	ID	1/1	'F' - Free-form
PID02	750	O	ID	2/3	'08' - Product
PID03	559	X/Z	ID	2/2	'ZZ' – Mutually Defined
PID04	751	X/Z	AN	1/12	N/A
PID05	352	X	AN	1/80	Product Description

Example: PID\*F\*08\*ZZ\*\*4C PLUS TRIPACK 9X3.3ML/PK◆

PWK segment – Table 2

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
PWK01	755	M	ID	2/2	'PJ' – Purchasing Specification
PWK02	756	O	ID	1/2	N/A
PWK03	757	O	N0	1/2	N/A
PWK04	098	O	ID	2/3	N/A
PWK05	066	X	ID	1/2	N/A
PWK06	067	X	AN	2/80	N/A
PWK07	352	O	AN	1/80	Product Purchasing Specifications

Example: PWK\*PJ\*\*\*\*\*PER KIP @ MFG◆

DTM segment – Table 2

Ref	Ele ID	Attributes			Fisher Scientific Implementation Notes
DTM01	374	M	ID	3/3	'038' – Ship No Later, for POs with BEG02 = 'SA' '367' – Due To Customer, for POs with BEG02 = 'DS'
DTM02	373	X	DT	8/8	Date - CCYYMMDD

Example: DTM\*367\*19981217◆



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AMT segment – Table 2

<i>Ref</i>	<i>Ele ID</i>	<i>Attributes</i>			<i>Fisher Scientific Implementation Notes</i>
AMT01	522	M	ID	1/3	'1' – Line Item Total
AMT02	782	M	R	1/18	Individual Line Item Total \$

Example:        AMT\*1\*185.9◆

CTT segment – Table 3

<i>Ref</i>	<i>Ele ID</i>	<i>Attributes</i>			<i>Fisher Scientific Implementation Notes</i>
CTT01	354	M	N0	1/6	Number of Line Items

Example:        CTT\*1◆

AMT segment – Table 3

<i>Ref</i>	<i>Ele ID</i>	<i>Attributes</i>			<i>Fisher Scientific Implementation Notes</i>
AMT01	522	M	ID	1/3	'2' – Batch Total
AMT02	782	M	R	1/18	Line Item Total \$ for Entire PO

Example:        AMT\*2\*185.9◆

SE segment – Table 3

<i>Ref</i>	<i>Ele ID</i>	<i>Attributes</i>			<i>Fisher Scientific Implementation Notes</i>
SE01	096	M	N0	1/10	Number of Included Segments
SE02	329	M	AN	4/9	Transaction Set Control Number – Matches ST02

Example:        SE\*23\*0013◆

# Fisher Scientific 850 Purchase Order Implementation Guideline

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Below is an example of a complete 850 transmission.

```
ISA*00*                *00*                *09*004321519VNDP ZZ*7777777
      *990202*0849*U*00401*000000013*0*P*..◆
GS*PO*004321519*7777777*19990202*0849*11*X*004010◆
ST*850*0013◆
BEG*00*DS*DR3657333**19981216◆
PER*BD*JEAN LUKE PICARD*TE*412-490-8888◆
FOB*DF*DE◆
N9*L1*PO COMMENTS◆
MSG*WHEN SHIPPING REFER TO CUSTOMER PO: NB9901604◆
MSG*ATTENTION: MANNY◆
MSG*CALLER: BONNIE X◆
N1*BT*FISHER SCIENTIFIC COMPANY*92*004321519B◆
N1*ST*SPECIAL LABS*92*004321519YBL◆
N3*100 OKAY BLVD*SUITE 101◆
N4*SAN MANYO*CA*88990◆
N1*VN*SUPERIO*92*VN00077222◆
REF*PO*NB9901604◆
REF*CR*53245102◆
REF*SM*YBL◆
PER*DI*GARY HERBERT◆
PO1*001*2*PH*99.99*LE*VC*7654321*CB*23194324◆
PID*F*08*ZZ**4C PLUS TRIPACK 9X3.3ML/PK◆
PWK*PJ*****PER KIP @ MFG◆
DTM*367*19981217◆
AMT*1*185.9◆
CTT*1◆
AMT*2*185.9◆
SE*23*0013◆
GE*1*11◆
IEA*1*000000013◆
```

# Fisher Scientific 850 Purchase Order Implementation Guideline

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<b>00304</b>	<b>00401</b>	<b>Comparison</b>
<b>0</b>	<b>0</b>	
<b>GS</b>	<b>GS</b>	<b>GS04/373 Date 6-8</b>
<b>BEG</b>	<b>BEG</b>	<b>BEG05/373 Date 6-8</b>
<b>NTE</b>		<b>See below</b>
<b>PER</b>	<b>PER</b>	<b>OK</b>
<b>TAX</b>	<b>TAX</b>	<b>OK</b>
<b>FOB</b>	<b>FOB</b>	<b>OK</b>
	<b>MSG</b>	<b>See below</b>
<b>N1</b>	<b>N1</b>	<b>OK</b>
<b>N2</b>	<b>N2</b>	<b>OK</b>
<b>N3</b>	<b>N3</b>	<b>OK</b>
<b>N4</b>	<b>N4</b>	<b>OK</b>
<b>REF</b>	<b>REF</b>	<b>OK</b>
<b>PER</b>	<b>PER</b>	<b>OK</b>
<b>P01</b>	<b>P01</b>	<b>OK</b>
<b>PID</b>	<b>PID</b>	<b>OK</b>
<b>PWK</b>	<b>PWK</b>	<b>OK</b>
<b>DTM</b>	<b>DTM</b>	<b>DTM02/373 Date 6-8</b>
<b>AMT</b>	<b>AMT</b>	<b>OK</b>
<b>CTT</b>	<b>CTT</b>	<b>OK</b>

**NTE segment does not exist in Version 004010.**

**Replacement is: N9 loop with 'N9\*L1\*PO COMMENTS' followed by 'MSG\**text*' segments.**