

Tribar Manufacturing

ANSI X12 830

Planning Schedule with Release Capability

Last Modified 02/26/2012



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MATERIAL RELEASE (830) INTRODUCTION

This convention provides the format and establishes the data contents of a planning schedule with 830 release capability transaction set. The planning schedule with release capability transaction set provides for customary and established business practice relative to the transfer of forecasting/material release information between Tribar and the supplying vendor.

Tribar uses the (830) Material Release as the buyer's authorization for the seller to commit to resources, such as labor or material, period-to-date cumulative quantities, and ship/delivery patterns requirements that have been represented in "buckets," such as weekly and monthly.

The following Tribar formats are similar to AIAG Version 004010.

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IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS

MESSAGE STRUCTURE

SEG ID	NAME	REQ	MAX USE	USED
HEADER				
ISA	Interchange Control Header	M	1	Y
GS	Functional Group Header	M	1	Y
ST	Transaction Set Header	M	1	Y
BFR	Beginning Segment for Planning Schedule	M	1	Y
XPO	Preassigned Purchase Order Numbers	O	>1	N
CUR	Currency	O	1	N
REF	Reference Information	O	12	N
PER	Administrative Communications Contact	O	3	N
TAX	Tax Reference	O	3	N
FOB	F.O.B. Related Instructions	O	1	N
CTP	Pricing Information	O	25	N
SAC	Service, Promotion, Allowance, or Charge Information	O	25	N
CSH	Sales Requirements	O	1	N
ITD	Terms of Sale/Deferred Terms of Sale	O	2	N
DTM	Date/Time Reference	O	10	N
PID	Product/Item Description	O	200	N
MEA	Measurements	O	40	N
PWK	Paperwork	O	25	N
PKG	Marking, Packaging, Loading	O	25	N
TD1	Carrier Details (Quantity and Weight)	O	2	N
TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	N
TD3	Carrier Details (Equipment)	O	12	N
TD4	Carrier Details (Special Handling, or Hazardous Materials or Both)	O	5	N
MAN	Marks and Numbers Information	O	10	N
	N1 LOOP		200	
N1	Party Identification	O	1	Y
N2	Additional Name Information	O	2	N

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SEG ID	NAME	REQ	MAX USE	USED
N3	Party Location	O	2	N
N4	Geographic Location	O	1	N
REF	Reference Information	O	12	Y
PER	Administrative Communications Contact	O	3	N
FOB	F.O.B. Related Instructions	O	1	N
	LM LOOP		>1	
LM	Code Source Information	O	1	N
LQ	Industry Code Identification	M	100	N
DETAILS				
	LIN LOOP		10000	
LIN	Item Identification	M	1	Y
UIT	Unit Detail	M	1	N
DTM	Date/Time Reference	O	10	N
CUR	Currency	O	1	N
PO3	Additional Item Detail	O	25	N
CTP	Pricing Information	O	25	N
PID	Product/Item Description	O	1000	N
MEA	Measurements	O	40	N
PWK	Paperwork	O	25	N
PKG	Marking, Packaging, Loading	O	25	N
PO4	Item Physical Details	O	1	N
PRS	Part Release Status	O	1	N
REF	Reference Information	O	12	N
PER	Administrative Communications Contact	O	3	N
SAC	Service, Promotion, Allowance, or Charge Information	O	25	N
ITD	Terms of Sale/Deferred Terms of Sale	O	2	N
TAX	Tax Reference	O	3	N
FOB	F.O.B. Related Instructions	O	1	N
LDT	Lead Time	O	12	N
QTY	Quantity Information	O	>1	N
ATH	Resource Authorization	O	20	N
TD1	Carrier Details (Quantity and Weight)	O	1	N
TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	N
TD3	Carrier Details (Equipment)	O	12	N
TD4	Carrier Details (Special Handling, or Hazardous Materials or Both)	O	5	N
MAN	Marks and Numbers Information	O	10	N
DD	Demand Detail	O	10	N
	SLN LOOP		100	
SLN	Subline Item Detail	O	1	N
PID	Product/Item Description	O	1000	N
NM1	Individual or Organizational Name	O	10	N
	N1 LOOP		200	

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SEG ID	NAME	REQ	MAX USE	USED
N1	Party Identification	O	1	N
N2	Additional Name Information	O	2	N
N3	Party Location	O	2	N
N4	Geographic Location	O	1	N
REF	Reference Information	O	12	N
PER	Administrative Communications Contact	O	3	N
FOB	F.O.B. Related Instructions	O	1	N
	LM LOOP		>1	
LM	Code Source Information	O	1	N
LQ	Industry Code Identification	M	100	N
	FST LOOP		100	
FST	Forecast Schedule	O	1	Y
QTY	Quantity Information	O	>1	N
SDQ	Destination Quantity	O	50	N
	LM LOOP		>1	
LM	Code Source Information	O	1	N
LQ	Industry Code Identification	M	100	N
	SDP LOOP		260	
SDP	Ship/Delivery Pattern	O	1	N
FST	Forecast Schedule	O	250	
	SHP LOOP		25	
SHP	Shipped/Received Information	O	1	Y
REF	Reference Information	O	12	N
	TRAILER			
CTT	Transaction Totals	O	1	N
SE	Transaction Set Trailer	M	1	Y
GE	Functional Group Trailer	M	1	Y
IEA	Interchange Control Trailer	M	1	Y

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Segment: **ISA** Interchange Control Header
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To start and identify an interchange of one or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Example: ISA*00 * *00* * 01*123456789 *01*987654321 *
 A B C D E F G H
940101*1321*U*00401*000056*0*P*>~
 I J K L M N O P

REF	ELEM ID	ELEM#	Name	REQ	TYPE	M/M	REMARKS
A	ISA01	744	Authorization Info qualifier	M	ID	02/02	00 (No Authorization Information Present)
B	ISA02	745	Authorization Info	M	AN	10/10	10 Spaces
C	ISA03	746	Security Info Qualifier	M	ID	02/02	00 (No Security Information Present)
D	ISA04	747	Security Info	M	AN	10/10	10 Spaces
E	ISA05	704	Interchange ID Qualifier	M	ID	02/02	Tribar's ID Qualifier
F	ISA06	705	Interchange sender ID	M	AN	15/15	Tribar's Interchange Code. Justified & space filled.
G	ISA07	704	Interchange ID Qualifier	M	ID	02/02	Receiver's ID Qualifier
H	ISA08	705	Interchange receiver ID	M	ID	15/15	Receiver's Interchange Code
I	ISA09	373	Date	M	DT	06/06	Date of Transmission
J	ISA10	337	Time	M	TM	04/04	Time of Transmission
K	ISA11	726	Interchange Standards ID	M	ID	01/01	U (United States)
L	ISA12	703	Interchange Version ID	M	ID	05/05	00401
M	ISA13	709	Interchange Control Number	M	NO	09/09	Unique control number. Same as IEA02
N	ISA14	749	Acknowledge Requested	M	ID	01/01	0 (No Acknowledgment Requested)
O	ISA15	748	Test Indicator	M	ID	01/01	P (Production)
P	ISA16	701	Subelement Separator	M	ID	01/01	>

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- Segment:** **GS** Functional Group Header
- Loop:**
- Level:** Heading
- Usage:** Optional
- Max Use:** 1
- Purpose:** To indicate the beginning of a functional group and to provide control information
- Syntax Notes:**
- Semantic Notes:**
- 1 GS04 is the Group Date.
 - 2 GS05 is the Group Time.
 - 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated Functional Group Trailer GE02.
- Comments:**
- 1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Example: GS*PS*123456789*987654321*19940101*1158*000056*X*004010~
 A B C D E F G H

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	GS01	479	Functional ID	M	ID	02/02	PS (Planning Schedule)
B	GS02	142	Application Sender ID	M	ID	02/15	Tribar's GS Code
C	GS03	124	Application Receiver ID	M	ID	02/15	Receiver's GS Code
D	GS04	029	Data Interchange Date	M	DT	08/08	Date of Transmission
E	GS05	030	Data Interchange Time	M	TM	04/08	Time of Transmission
F	GS06	028	Data Interchange Number	M	NO	01/09	Unique control number. Same as GE02
G	GS07	455	Responsibility Agency	M	ID	01/02	X (Accredited Standards Committee X12)
H	GS08	480	Version	M	ID	01/12	004010

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Segment: **ST** Transaction Set Header

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes:

- 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Comments:

Example: ST*830*00001~
A B

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	ST01	143	Transaction Set ID Code	M	ID	03/03	830 (Planning Schedule)
B	ST02	329	Transaction Set Control Number	M	ID	04/09	Unique control number. Same as SE02
	ST03	1705	Implementation Convention Reference	O	AN	01/35	

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Segment: **BFR** Beginning Segment for Planning Schedule

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates

Syntax Notes: 1 At least one of BFR02 or BFR03 is required.

- Semantic Notes:**
- 1 If BFR01 contains the value "04" (Net Change), BFR09 is required.
 - 2 BFR02 is the identifying number for a forecast assigned by the orderer/purchaser.
 - 3 BFR06 is the forecast horizon start date: The date when the forecast begins.
 - 4 BFR07 is the forecast horizon end date: The date when the forecast horizon (envelope) ends.
 - 5 BFR08 is the date forecast generated: The date the forecast data was generated.
 - 6 BFR09 is the date forecast updated: The date the forecast was updated with "net change" data. (Used only when data element 353 in BFR01 contains the value "04", meaning net change.)

Comments:

Example: BFR*05**20070101*DL*A*20070101*20071231*20070722***123456~
A B C D E F G H

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	BFR01	353	Transaction Set Purpose Code	M	ID	02/02	05 (Replace)
	BFR02	127	Reference Identification	X	AN	01/50	Not Used
B	BFR03	328	Issue Date	X	AN	01/30	Transaction Date
C	BFR04	675	Schedule Type Qualifier	M	ID	02/02	DL (Delivery Based)
D	BFR05	676	Schedule Quantity Qualifier	M	ID	01/01	A (Actual discrete quantities)
E	BFR06	373	Date	M	DT	08/08	Horizon Start Date
F	BFR07	373	Date	O	DT	08/08	Horizon End Date
G	BFR08	373	Date	M	DT	08/08	Schedule Issue Date
	BFR09	373	Date	O	DT	08/08	Not Used
	BFR10	367	Contract Number	O	AN	01/30	Not Used
H	BFR11	324	Purchase Order Number	O	AN	01/22	Tribar's Purchase Order Number
	BFR12	783	Planning Schedule Type Code	O	ID	02/02	Not Used
	BFR13	306	Action Code	O	ID	01/02	Not Used

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Segment: **N1** Name

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 1

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

Syntax Notes: 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

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

Example: N1*SU**1*654321~ Supplier

A B C

N1*ST**92*123321~ Ship To

A B C

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	N101	98	Entity Identifier Code	M	ID	02/03	SU (Supplier) ST (Ship To)
	N102	93	Name	X	AN	01/60	
B	N103	66	Identification Code Qualifier	X	ID	01/02	1 (DUNS number) 92 (Assigned by Buyer)
C	N104	67	Identification Code	X	AN	02/80	If N101 = SU, Supplier Code If N101 = ST, Ship To Location
	N105	706	Entity Relationship Code	O	ID	02/02	
	N106	98	Entity Identifier Code	O	ID	02/03	

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Segment: **REF** Reference Numbers
Loop: JIT Optional
Level: Detail
Usage: Optional
Max Use: 500
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02
Comments:

Example: REF*DK*PLANT~
 A B

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	REF01	128	Reference Identification Qualifier	M	ID	02/03	DK (Dock Number)
B	REF02	127	Reference Identification	X	AN	01/50	Dock Number
	REF03	352	Description	X	AN	01/80	
	REF04	C040	Reference Identifier	O			

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- Segment:** **LIN** Item Identification
- Loop:** LIN Mandatory
- Level:** Detail
- Usage:** Mandatory
- Max Use:** 1
- Purpose:** To specify basic item identification data
- Syntax Notes:**
- 1 If either LIN04 or LIN05 is present, then the other is required.
 - 2 If either LIN06 or LIN07 is present, then the other is required.
 - 3 If either LIN08 or LIN09 is present, then the other is required.
 - 4 If either LIN10 or LIN11 is present, then the other is required.
 - 5 If either LIN12 or LIN13 is present, then the other is required.
 - 6 If either LIN14 or LIN15 is present, then the other is required.
 - 7 If either LIN16 or LIN17 is present, then the other is required.
 - 8 If either LIN18 or LIN19 is present, then the other is required.
 - 9 If either LIN20 or LIN21 is present, then the other is required.
 - 10 If either LIN22 or LIN23 is present, then the other is required.
 - 11 If either LIN24 or LIN25 is present, then the other is required.
 - 12 If either LIN26 or LIN27 is present, then the other is required.
 - 13 If either LIN28 or LIN29 is present, then the other is required.
 - 14 If either LIN30 or LIN31 is present, then the other is required.
- Semantic Notes:** 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.

Example: LIN**BP*05003670~
 A B

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
	LIN01	350	Assigned Identification	O	AN	01/20	
A	LIN02	235	Product/Service ID Qualifier	M	ID	02/02	BP (Buyer's Part Number)
B	LIN03	234	Product/Service ID	M	AN	01/48	Tribar's Part Number
	LIN04	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN05	234	Product/Service ID	X	AN	01/48	
	LIN06	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN07	234	Product/Service ID	X	AN	01/48	
	LIN08	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN09	234	Product/Service ID	X	AN	01/48	
	LIN10	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN11	234	Product/Service ID	X	AN	01/48	
	LIN12	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN13	234	Product/Service ID	X	AN	01/48	
	LIN14	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN15	234	Product/Service ID	X	AN	01/48	
	LIN16	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN17	234	Product/Service ID	X	AN	01/48	
	LIN18	235	Product/Service ID Qualifier	X	ID	02/02	

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	LIN19	234	Product/Service ID	X	AN	01/48	
	LIN20	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN21	234	Product/Service ID	X	AN	01/48	
	LIN22	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN23	234	Product/Service ID	X	AN	01/48	
	LIN24	235	Product/Service ID Qualifier	X	ID	02/02	
REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
	LIN25	234	Product/Service ID	X	AN	01/48	
	LIN26	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN27	234	Product/Service ID	X	AN	01/48	
	LIN28	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN29	234	Product/Service ID	X	AN	01/48	
	LIN30	235	Product/Service ID Qualifier	X	ID	02/02	
	LIN31	234	Product/Service ID	X	AN	01/48	

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- Segment:** **FST** Forecast Schedule
- Loop:** FST Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the forecasted dates and quantities
- Syntax Notes:**
- 1 If either FST06 or FST07 is present, then the other is required.
 - 2 If either FST08 or FST09 is present, then the other is required.
 - 3 If FST13 is present then FST12 is required.
- Semantic Notes:**
- 1 If FST03 - "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval.
 - 2 FST11 is used to qualify further the forecast quantity in FST01.
 - 3 FST13 is used to qualify further the adjustment reason specified in FST12.
- Comments:**
- 1 As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval.
 - 2 FST06 qualifies the time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock, to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as "AM" or "PM".
 - 3 FST11, FST12, and FST13 may be used only when FST02 contains code D (Planning)
- Example:** FST*100*D*W*20070809~
A B C D

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	FST01	380	Quantity	M	R	01/15	Requested Quantity
B	FST02	680	Forecast Qualifier	M	ID	01/01	C (Firm) D (Planning)
C	FST03	681	Timing Qualifier	M	ID	01/01	D (Daily) W (Weekly)
D	FST04	373	Date	M	DT	08/08	Date Requested
	FST05	373	Date	O	DT	08/08	
	FST06	374	Date/Time Qualifier	X	ID	03/03	
	FST07	337	Time	X	TM	04/08	
	FST08	128	Reference Identification Qualifier	X	ID	02/03	
	FST09	127	Reference Identification	X	AN	01/50	
	FST10	783	Planning Schedule Type Code	O	ID	02/02	
	FST11	673	Quantity Qualifier	O	ID	02/02	
	FST12	426	Adjustment Reason Code	X	ID	02/02	
	FST13	352	Description	O	AN	01/80	

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- Segment:** **SHP** Shipped/Received Information
- Loop:** SHP Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the shipment and/or receipt information
- Syntax Notes:**
- 1 If SHP01 is present, then SHP02 is required.
 - 2 If SHP03 is present, then at least one of SHP04 or SHP05 is required.
 - 3 If SHP04 is present, then SHP03 is required.
 - 4 If SHP05 is present, then SHP03 is required.
- Semantic Notes:**
- 1 SHP04 is the date shipped, delivered, received, or the cumulative quantity start date (as qualified by SHP03).
 - 2 SHP06 is the cumulative quantity end date.
- Comments:**
- 1 The SHP segment is used to communicate shipment, delivery, or receipt information and may include discrete or cumulative quantities, dates, and times.
 - 3 If SHP01 equals "02", "07", "08", "09", or "10" (indicating cumulative quantities), then SHP04 and SHP06 are required to identify the start and end dates of the quantity count.
- Example:**
- SHP*01*123*050*20070115~ Last Receipt
A B C D
- SHP*01*123456*051*20060115~ Cumulative
A B C D

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	SHP01	673	Quantity Qualifier	O	ID	02/02	01 (Discrete Quantity)
B	SHP02	380	Quantity	X	R	01/15	If SHP03 = 050, Last Receipt Quantity If SHP03 = 051, Total Cumulative Quantity
C	SHP03	374	Date/Time Qualifier	X	ID	03/03	050 (Received) 051 (Cumulative Quantity Start)
D	SHP04	373	Date	X	DT	08/08	If SHP03 = 050, Date of Last Receipt If SHP03 = 051, Cumulative Start Date
	SHP05	337	Time	X	TM	04/08	
	SHP06	373	Date	O	DT	08/08	
	SHP07	337	Time	O	TM	04/08	

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Segment: **SE** Transaction Set Trailer
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

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

Example: SE*87*00001~
 A B

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	SE01	96	Number of Included Segments	M	NO	01/10	Total Records ST-SE
B	SE02	329	Transaction Set Control Number	O	AN	04/09	Unique Control Number (Same as ST02)

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Segment: **GE** Functional Group Trailer

Loop:

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To indicate the end of a functional group and to provide control information

Syntax Notes:

Semantic Notes: 1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated Functional Group Header GS06.

Comments: 1 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Example: GE*1*000056~
A B

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	GE01	97	Number of Transaction Sets	M	NO	01/06	Total number of Transaction Sets
B	GE02	28	Group Control Number	M	NO	01/09	Unique Control Number (Same as GS06)

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Segment: **IEA** Interchange Control Trailer

Loop:

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To define the end of an interchange of one or more functional groups and interchange-related control segments

Syntax Notes:

Semantic Notes:

Comments:

Example: IEA*00001*000056~
A B

REF	ELEM ID	ELEM#	NAME	REQ	TYPE	M/M	REMARKS
A	IEA01	I16	Number of Functional Groups	M	NO	01/05	Total number of Functional Groups
B	IEA02	28	Interchange Control Number	M	NO	09/09	Unique Control Number (Same as ISA13)

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830 DOCUMENT EXAMPLE

ISA*00 * *00* * 01*123456789 *01*987654321 *940101*1321*U*00401*000056*0*P*>~
GS*PS*123456789*987654321*19940101*1158*000056*X*004010~
ST*830*00001~
BFR*05***DL*A*20070101*20071231*20070722***123456~
N1*SU**1*654321~
N1*ST**92*123321~
REF*DK*PLANT~
LIN**BP*05003670~
FST*100*C*W*20070802~
FST*100*C*W*20070809~
FST*100*D*W*20070816~
FST*100*D*W*20070823~
FST*100*D*W*20070830~
SHP*01*100*050*20070715~
SHP*01*3500*051*20070101~
LIN**BP*568432*PO*277848~
FST*500*C*W*20070802~
FST*500*D*W*20070809~
FST*500*D*W*20070816~
FST*500*D*W*20070823~
FST*500*D*W*20070830~
SHP*01*500*050*20070715~
SHP*01*17500*051*20070101~
REF*SI*654321~
SE*23*00001~
GE*1*000056~
IEA*1*000056~