

# EDI USERS MANUAL

## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

ANSI Segment Loop Construction

SEG. ID	SEGMENT NAME	REQ	MAX	LOOP ID / USE COUNT USE	BLUE BIRD USW LOOP
ISA	Interchange Control Segment	M	1		YES
GS	Functional Group Header	M	1		YES
ST	Transaction Set Header	M	1		YES
BFR	Beginning Segment for Planning Schedule			M YES	1
NTE	Note / Special Instruction	F	100		YES
CUR	Currency			O 1	
			NO		
REF	Reference Numbers			O 12	
			NO		
PER	Administrative Communications Contact	O	3		NO
TAX	Sales Tax Reference	O	3		NO
FOB	F.O.B. Related Instructions	O	1		NO
N1	Name			O 1	<b>N1 / 200</b>
			<b>YES</b>		
N2	Additional Name Information	O	2		NO
N3	Address Information	O	<b>2</b>		<b>YES</b>
N4	Geographic Location	O	1		YES
REF	Reference Numbers			O 12	
			NO		
PER	Administrative Communications Contact	O	3		NO
FOB	F.O.B. Related Instructions	O	1		NO
CTP	Pricing Information	O	25		NO
SSS	Special Services	O	25		NO
CSH	Header Sale Condition	O	1		NO
ITD	Terms of Sale / Deferred Terms of Sale	O	2		NO
DTM	Date / Time Reference	O	10		NO
PID	Product / Item / Description	O	200		NO
MEA	Measurements	O	40		NO
PWK	Paperwork			O 25	
			NO		
PKG	Marking, Packaging, Loading	O	25		NO
TD1	Carrier Details (Quantity and Weight)	O	2		NO
TD5	Carrier Details (Routing Sequence / Time)	O	12		NO
TD3	Carrier Details (Equipment)	O	12		NO

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LIN	Item Identification	M	1	LIN / 10000	YES
UIT	Unit Detail			M	1
			YES		
CUR	Currency	O	1		NO

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ANSI Segment Loop Construction (Continued)

SEG. ID	SEGMENT NAME	REQ	MAX USE	LOOP ID / USE USE	BLUE BIRD LOOP COUNT
SLN	Subline Item Detail	O	1	SLN / 100	NO
PID	Product / Item Description	O	1000		NO
P03	Additional Item Detail	O	25		NO
CTP	Pricing Information	O	25		NO
PID	Product / Item Description	O	1000		NO
MEA	Measurements	O	40		NO
PWK	Paperwork			O 25	
			NO		
PKG	Marking, Packaging, Loading	O	25		NO
P04	Item Physical Details	O	1		NO
PRS	Part Release Status	O	1		NO
REF	Reference Numbers			O 1	
			NO		
PER	Administrative Communications Contact	O	5		NO
SSS	Special Services	O	25		NO
ITA	Allowance, Charge or Service	O	25		NO
ITD	Terms of Sale / Deferred Terms of Sale	O	2		NO
TAX	Sales Tax Reference	O	3		NO
FOB	F.O.B. Related Instructions	O	1		NO
N1	Name			O 1	NI / 200
			YES		
N2	Additional Name Information	O	2		NO
N3	Address Information	O	2		NO
N4	Geographic Location	O	1		NO
REF	Reference Numbers			O 12	
			YES		
PER	Administrative Communications Contact	O	3		NO
FOB	F.O.B. Related Instructions	O	1		NO
FST	Forecast Schedule			O 260	
			NO		
SDP	Ship / Delivery Pattern	O	1	SDP / 260	YES
FST	Forecast Schedule			O 260	
			YES		
SDQ	Destination Quantity	O	50		NO

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ATH	Resource Authorization	O	20			NO
SHP	Shipped / Received Information	O	1	SHP / 25		YES
REF	Reference Numbers			O	5	
			NO			

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ANSI Segment Loop Construction (Continued)

SEG. ID	SEGMENT NAME	REQ	MAX USE	LOOP USE	ID / USE	BLUE BIRD LOOP COUNT
TD1	Carrier Details (Quantity and Weight)	O	1			NO
TD5	Carrier Details (Routing Sequence / Time)	O	12			NO
TD4	Carrier Details (Special Handling / Hazardous	O	5			NO
TD3	Carrier Details (Equipment)	O	12			NO
MAN	Marks and Numbers			O	10	
			NO			
CTT	Transaction Totals	M	1			YES
SE	Transaction Set Trailer	M	1			YES
GE	Functional Group Trailer	M	1			YES
IEA	Interchange Control Trailer	M	1			YES

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: ISA - Interchange Control Segment

Purpose: To identify the start of an interchange of one or more functional groups.

Example: ISA\*00\* \*00\* \*01\*003279627 \*01\*001667161 \*910601\*1200\*U\*  
00301\*000000001\*0\*P\*>

Seg. ID Ref.	Element	Req.	Min/Max Size	Type	Description	Comments
ISA	ISA01	M	02/02	AN	Authorize Information Qualifier	Interchange Control Structure # I01 Value = 00 -No Authorization Information Present In I02
	ISA02	M	10/10	AN	Authorize Information	Interchange Control Structure # I02 Value = Spaces
	ISA03	M	02/02	AN	Security Information Qualifier	Interchange Control Structure # I03 Value = 00 -No Security Information Present in I04
	ISA04	M	10/10	AN	Security Information	Interchange Control Structure # I04 Value = Spaces
	ISA05	M	02/02	AN	Interchange Identification Qualifier	Interchange Control Structure # I05 Value = 01 - Dun & Bradstreet Number
	ISA06	M	15/15	AN	Interchange Sender Identification	Sender's Identification Code
	ISA07	M	02/02	AN	Interchange Identification Qualifier	Interchange Control Structure # I05 Value = 01 -Dun & Bradstreet Number
	ISA08	M	15/15	AN	Interchange Receiver Identification	Blue Bird's Receiver Identification Code.
	ISA09	M	06/06	DT	Date	Format = YYYYDD
	ISA10	M	04/04	TM	Time	Format = HHMM (Military Time)

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: ISA - Interchange Control Segment (Continued)

Seg. ID Ref.	Element	Req.	Min/Max Size	Type	Description	Comments
ISA11	M		01/01	AN	Interchange Standards Identifier	Interchange Control Structure # I10 Value = X - U.S. EDI Community of ASC X12
ISA12	M		05/05	AN	Interchange Version	Interchange Control Structure # I11 Value = 00301 - Approved through  Identification 1990
ISA13	M		09/09	NO	Interchange Control Number	Sequential number incremented by one and maintained by both trading partners for the purpose of identifying the transmission
ISA14	M		01/01	AN	Acknowledge Requested	Interchange Control Structure # I13 Value = 0 -Interchange Acknowledgment Requested
ISA15	M		01/01	AN	Test Indicator	Interchange Control Structure # I14 Value = P - Production T - Test
ISA16	M		01/01	AN	Subelement Separator	Interchange Control Structure # I15 Value = EBCDIC hex "6E"

NOTE: The ISA segment is mandatory.  
The ISA segment is associated with each transmission.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: GS - Functional Group Header

Purpose: To identify the beginning of a group of related transaction sets.

Example: GS\*PS\*SENDER-ID\*001667161\*910601\*1200\*1\*X\*002040

Seg. ID Ref.	Element	Req.	Min/Max Size	Type	Description	Comments
GS	GS01	M	02/02	AN	Functional Identification	Data Element Dictionary Number 479 Value = PS -Planning Schedule with Release Capabilities
	GS02	M	02/12	AN	Application Sender's Code	Blue Bird's Dun & Bradstreet number
	GS03	M	02/12	AN	Application Receiver's Code	Trading partners receiver identification
	GS04	M	06/06	DT	Group Date	Format = YYMMDD
	GS05	M	04/04	TM	Group Time	Format = HHMM (Military Time)
	GS06	M	01/09	NO	Group Control Number	Sequential number incremented by one and maintained by both trading partners for the purpose of identifying the transmission
	GS07	M	01/02	ID	Responsible Agency Code	Data Element Dictionary Number 455 Value = X - Accredited Standards Committee X12
	GS08	M	01/12	ID	Version	Data Element Dictionary Number 480 Value = 003010 - Approved May 1989

NOTE: The GS segment is mandatory.  
The GS segment is repeated for each functional group.



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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: ST - Transaction Set Header

Purpose: To indicate the start of a transaction set.

Example: ST\*830\*000010001

Seg. ID	Element Ref.	Req.	Min/Max	Type	Description	Comments
ST 143	ST01	M	03/03	AN	Transaction Set	Data Element Dictionary Number Identification Value = 830 - Planning Schedule
	ST02	M	04/09	AN	Transaction Set	Last 5 digits from Interchange Control Number Control Number followed by 4 digits which will start with 1 and increment by 1 for each successive transaction set (ST to SE loop)

NOTE: The ST segment is mandatory.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: BFR - Beginning Segment for Planning Schedule

Purpose: Indicates the beginning of the planning schedule transaction set.

Example: BFR\*05\*\*12345\*DL\*A\*910603\*911231\*910601\*\*\*BLANKET ORDER

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
BFR	BFR01	M	02/02	ID	Transaction Set Purpose Code	Data Element Dictionary Number 353 Value = 00 -Original 05 -Replace
	BFR02	C	01/30	AN	Reference Number	Not Used
	BFR03	C	01/30	AN	Release Number	Customer's release number
	BFR04	M	02/02	ID	Schedule Type Qualifier	Data Element Dictionary Number 675 Value = DL -Delivery Based  SH -Shipment Based
	BFR05	M	01/01	ID	Schedule Quantity	Data Element Dictionary Number 676 Value = A - Actual Discrete  Qualifier Quantities
	BFR06	M	06/06	DT	Date	Forecast horizon start date
	BFR07	M	06/06	DT	Date	Forecast horizon end date
	BFR08	M	06/06	DT	Date	Forecast generation date
	BFR09	C	06/06	DT	Date	Not Used
	BFR10	O	01/30	AN	Contract Number	Not Used
	BFR11	O	01/22	AN	Purchase Order Number	Blanket Order

NOTE: The BFR segment is mandatory.

MAY 8, 1996

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: N1 - Name

Purpose: Identifies type of organization by name and code.

Examples: N1\*MI\*MATERIAL ISSUER\*92\*MI CODE  
 N1\*ST\*BLUE BIRD CORP\*92\*ST CODE  
 N1\*SU\*SUPPLIER NAME\*92\*SU CODE

Seg. ID Ref.	Element	Req.	Min/Max Size	Type	Description	Comments
N1	N101	M	02/02	ID	Entity Identification	Data Element Dictionary Number 98 Value = MI -Material Issuer  Code ST -Ship to SU -Supplier / Manufacture
	N102	C				01/35 AN Name Entity name
	N103	C	01/02 66	ID	Identification	Data Element Dictionary Number  Code Qualifier Value = 92 -Assigned By Buyer
	N104	C	02/17	ID	Identification	Buyer assigned code for the Code various locations

NOTE: The N1 segment can be repeated multiple times within the header section.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: N2 - Additional Name Information

Purpose: Specifies additional names or names longer than 35 characters.

Example: N2\*SHIP TO LOCATION

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
N2	N201	M		01/35	AN Free-form name	Name
	N202	O		01/35	AN Additional free-form name	Name

NOTE: The N2 segment is optional.

The N2 segment must be associated with the previous N1 segment.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: N3 - Address Information

Purpose: Specifies the location of the named party.

Example: N3\*STREET ADDRESS

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
N3	N301	M	01/35	AN	Address	Free-form address information
	N302	O	01/35	AN	Address	Additional address information

NOTE: The N3 segment is optional

The N3 segment must be associated with the previous N1 segment.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: N4 - Geographic Location

Purpose: Specifies the geographic location of the named party.

Example: N4\*CITY\*ST\*99999

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
N4	N401	C	02/19	AN	City Name	City of identified entity
	N402	C	02/02	ID	State Code	State of identified entity
	N403	O	05/09	ID	Postal Code	Zip code of identified entity
	N404	O	02/02	ID	Country Code	Not Used
	N405	O	01/02	ID	Location Qualifier	Not Used
	N406	C	01/25	AN	Location Identifier	Not Used

NOTE: The N4 segment is optional.

The N4 segment must be associated with the previous N1 segment.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: LIN - Item Identification

Purpose: Specifies the basic item identification data.

Example: LIN\*1\*BP\*123456789\*VP\*1234567890123\*PD\*PART DESCRIPTION

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
LIN	LIN01	O	01/06	AN	Assigned	Sequential number of LIN segments
	LIN02	M	02/02	ID	Product Identification	Data Element Dictionary Number 235 Value = BP -Buyer's Part Number  Qualifier VP -Vendors Part Number PD -Part Description
	LIN03	C	01/30	AN	Product Identification	Blue Bird Part Number
	LIN04	O	02/02	ID	Product Identification Qualifier	OVP●
	LIN05	C	01/30	AN	Product Identification	Vendor Part Number
	LIN06	O	02/02	ID	Product Identification Qualifier	OPD●
	LIN07	C	01/30	AN	Product Identification	Part Description
	LIN08	O	02/02	ID	Product Identification Qualifier	Not Used



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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: LIN - Item Identification (Continued)

Seg. ID Ref.	Element	Req.	Min/Max Size	Type	Description	Comments
	LIN09	C	01/30	AN	Product Identification	Not Used
	LIN10	O	02/02	ID	Product Identification Qualifier	Not Used
	LIN11	C	01/30	AN	Product Identification	Not Used
	LIN12 Through LIN25					Not Used

NOTE: The LIN segment is mandatory and is associated with each part.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: UIT - Unit Detail

Purpose: Specifies the item unit data.

Example: UIT\*EA

Seg. ID Ref.	Element	Req.	Min/Max Size	Type	Description	Comments
UIT	UIT01	M	02/02	ID	Unit of Measure	Data Element Dictionary Number 355 Code Value = EA -Each PC -Pieces
	UIT02	C	01/14 R		Unit Price	Not Used
	UIT03	O	02/02	ID	Basis Unit Price Code	Not Used

NOTE: The UIT segment is mandatory.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: N1 - Name

Purpose: Identifies type of organization by name and code.

Example: N1\*ST\*SHIP TO NAME\*92\*ST CODE

Seg. ID Ref.	Element	Req.	Min/Max Size	Type	Description	Comments
N1 N101		M	02/02	ID	Entity Identification	Data element dictionary number 98 Value = ST -Ship To
	N102	C	01/35	AN	Name	Entity name
	N103	C	01/02	ID	Identification Code Qualifier	Data element dictionary number 66 Value = 92 -Assigned by buyer
	N104	C	02/17	ID	Identification Code	Buyer assigned code for the various locations

NOTE: The N1 segment can be repeated multiple times with the detail section. The N1 segment should only be used at the detail level if different ship-to addresses occur within one transaction set.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: REF - Reference Numbers

Purpose: Specifies identifying numbers.

Example: REF\*DK\*123456

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
REF	REF01	M	02/02	ID	Reference Number Qualifier	Data element dictionary number 128 Value = DK -Dock
	REF02	M	01/30	AN	Reference	Identified number
	REF03	O	01/80	AN	Description	Not Used

NOTE: The REF segment is optional.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: SDP - Ship / Delivery Pattern

Purpose: Specifies the shipment or delivery requirements.

Example: SDP\*N\*F

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
SDP	SDP01	M	01/02	ID	Ship / Delivery Pattern Code	Data element dictionary number 678 Value = A - Monday through Friday N - As directed Y - None
	SDP02	M	01/01	ID	Ship / Delivery Pattern Time	Data element dictionary number 679 Value = A - First shift or normal business hours Y - None F - As Directed
	SDP03	O	01/02	ID	Ship / Delivery Pattern Code	Not Used
	SDP04	O	01/01	ID	Ship / Delivery Pattern Time Code	Not Used
	SDP05	O	01/02	ID	Ship / Delivery Pattern Code	Not Used
	SDP06	O	01/01	ID	Ship / Delivery Pattern Time Code	Not Used
	SDP07	O	01/02	ID	Ship / Delivery Pattern Code	Not Used
	SDP08	O	01/01	ID	Ship / Delivery Pattern Time Code	Not Used

NOTE: The SDP segment is optional but should be used for each part to establish the quantity buckets and the shipment pattern.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: FST - Forecast Schedule

Purpose: Specify the forecasted dates and quantities.

Example: FST\*50\*D\*W\*910603  
FST\*0000005\*D\*W\*910603\*\*\*\*RE\*103

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
FST	FST01	M	01/10	R	Quantity	Forecast quantity
	FST02	M	01/01	ID	Forecast Qualifier	Data element dictionary number 680' Value = D - Planning C - Firm
	FST03	M	01/01	ID	Forecast Timing Qualifier	Data element dictionary number 681 Value = W - Weekly bucket (Monday through Thursday) M - Monthly D - Discrete
	FST04	M	06/06	DT	Date	Forecast date
	FST05	O	06/06	DT	Date	Not Used
	FST06	C	03/03	ID	Date / Time Qualifier	Not Used
	FST07	C	04/04	TM	Time	Not Used
	FST08	C	02/02	ID	Reference Number Qualifier	Data element dictionary number 128 Value = RE - Release number
	FST09	C	01/30	AN	Reference	Release or item number shipped Number against

NOTE: The FST segment is optional but should be used for each part to specify the quantity and date.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: NTE - Note/Special Instruction

Purpose: To Transmit Information in a Free Form Format.  
For Comment or Special Instruction.

Example: NTE\*LIN\*005 Revise Quantity so  
NTE\*LIN\*010 New Release

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
NTE	NTE01	0	3/3	ID	Reference Code	Value = LIN
						Line Item
	NTE02	M	1/60	AN	Free Form Message Item Nbr Referring To Message	

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: SHP - Shipped / Received Information

Purpose: Specify shipment and receipt information.

Examples: SHP\*01\*50\*011\*910601  
SHP\*02\*1000\*051\*910101\*\*910601

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
SHP	SHP01	O	02/02	ID	Quantity Qualifier	Data element dictionary number 672 Value = 01 -Discrete quantity 02 - Cumulative quantity
	SHP02	C	01/10	R	Quantity	Quantity received
	SHP03	O	03/03	ID	Date / Time Qualifier	Data element dictionary number 374 Value = 011 - Shipped 051 - Cum quantity start
	SHP04	C	06/06	DT	Date	Date for which the quantity was received or the start of the cumulative quantity
	SHP05	O	04/04	TM	Time	Not Used
	SHP06	C	06/06	DT	Date	The cumulative quantity and date
	SHP07	O	04/04	TM	Time	Not Used

NOTE: The SHP segment is optional but should be used for customers that use cumulative quantities to determine appropriate shipping quantities.



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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: CTT - Transaction Totals

Purpose: Transmit totals for specific elements in the transaction set.

Example: CTT\*1

Seg. ID Ref.	Element	Req.	Min/Max Size	Type	Description	Comments
CTT	CTT01	M	01/06	NO	Number of line Items	Total number of LIN segments
	CTT02	O	01/10	R	Hash Total	Not Used
	CTT03	O	01/08	R	Weight	Not Used
	CTT04	C	02/02	ID	Unit of measure Code	Not Used
	CTT05	O	01/08	R	Volume	Not Used
	CTT06	C	02/02	ID	Unit of measure Code	Not Used
	CTT07	O	01/80	AN	Description	Not Used

NOTE: The CTT segment is mandatory.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: SE - Transaction Set Trailer

Purpose: Indicates the end of a transaction set.

Example: SE\*26\*000010001

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
SE	SE01	M	01/06	NO	Number of Included Segments	Number of segments beginning with the ST segment and ending with the SE Segment
	SE02	M	04/09	AN	Transaction Set Control Number	Same as ST02

NOTE: The SE segment is mandatory.

The SE segment is associated with the previous ST segment.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: GE - Functional Group Trailer

Purpose: To identify the end of a functional group of related transaction sets.

Example: GE\*1\*1

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
GE	GE01	M	01/06	NO	Number of Included Transaction Sets	Number of the ST / SE loops within this functional group
	GE02	M	01/09	NO	Group Control Number	Same as GS06

NOTE: The GE segment is mandatory.

The GE segment is associated with the previous GS segment.

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## PLANNING SCHEDULE (830) SENT BY BLUE BIRD

Topic: IEA - Interchange Control Trailer

Purpose: To define the end of one or more functional groups.

Example: IEA\*00001\*000000001

Seg. ID	Element Ref.	Req.	Min/Max Size	Type	Description	Comments
IEA	IEA01	M	05/05	NO	Number of Included Functional Groups	Number of the GS / GE loops within this interchange
	IEA02	M	09/09	NO	Interchange Control Number	Same as ISA13

NOTE: The IEA segment is mandatory.  
The IEA segment is associated with the previous ISA segment.