IMPLEMENTATION GUIDELINES CONVENTIONS
SHIPPING SCHEDULE (862)
(4010 format)

01/2012 – Version 3.0 – revised for multiple Magna divisions: Monterrey, Muncie, Muncie East, Ramos, and Lansing.

ANSI x12 VERSION/
RELEASES 004010

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862 Shipping Schedule Functional Group ID=SS

Introduction:

This standard provides the format and establishes the data contents of a shipping schedule transaction set within the context of an electronic data interchange (EDI) environment. The shipping schedule transaction set provides the ability for a customer to convey precise shipping schedule requirements to a supplier, and is intended to supplement the planning schedule transaction set (830). The shipping schedule transaction set will supersede certain shipping and delivery information transmitted in a previous planning schedule transaction, but it does not replace the 830 transaction set. The shipping schedule transaction set shall not be used to authorize labor, materials or other resources.

The use of this transaction set will facilitate the practice of Just In Time (JIT) manufacturing by providing the customer with a mechanism to issue precise shipping schedule requirements on a more frequent basis than with the issuance of a planning schedule transaction, e.g.daily shipping schedules versus weekly planning schedules. The shipping schedule transaction also provides the ability for a customer location to issue shipping requirements independent of other customer locations when planning schedule transactions are issued by a consolidated scheduling organization.

Notes:

The supplier or carrier should be aware of the following things when programming for this Implementation guide

- *The date (FST04) and time (FST07) indicated in the FST segment represent when the supplier should deliver the parts to Magna.*
- *The elements BSS05 and BSS06 represent the horizon start and horizon end dates with a 30 calendar day schedule.*
- *MAGNA uses a "~" as a Segment Terminator*

Heading:

Page No.	Use	Pos. No.	Seq. ID	Name	Status	Max. Use	Loop Repeat
4	Must	010	ST	Transaction Set header	M	1	
5		020	BSS	Beginning Segment for Shipping	M	1	
				LOOP ID – N1			200
6		050	N1	Name	O	1	
7		090	REF	Reference Numbers	O	12	

Detail:

Page No.	Use	Pos. No.	Seq. ID	Name	Status	Max. Use	Loop Repeat
				LOOP ID – LIN			10000
8	Must	010	LIN	Item Identification	M	1	
9	Must	020	UIT	Unit Detail	M	1	
10		040	PER	Administrative Communications Contact	O	6	
11		070	REF	Reference Numbers	O	12	
				LOOP ID – FST			100
12	Must	090	FST	Forecast Schedule	M	1	
				LOOP ID – JIT			96
13		120	JIT	Just-In-Time Schedule	O	1	
				LOOP ID – SHP			10
14	Must	150	SHP	Shipped/Received information	O	1	
15		160	REF	Reference Identification	O	1	

Summary:

Page No.	Use	Pos. No.	Seq. ID	Name	Status	Max. Use	Loop Repeat
16	Must	010	CTT	Transaction Totals	M	1	
17	Must	020	SE	Transaction Set Trailer	M	12	

Examples:

Page No.	Type of Example
18	Forecast Example
19	Forecast Example with Immediate Requirements
20	Forecast and JIT requirements

Transaction Set Notes

1. The number of line items (CTT01) is the accumulation of number of LIN segments. If used, # total (CTT02) is the sum
   of the value of the quantities (FST01) for each FST segment.

SEGMENT:	ST – Transaction Set Header
POSITION:	010
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:	
COMMENTS:	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).
NOTES:	The transaction set control number (ST02) in this header must match the transaction set control number (SE02) in the transaction set trailer (SE).
EXAMPLE:	*ST*862*0001~*

Use?	Ref Des.	#	Name	Base Attributes	Comments
Yes	ST01	143	Transaction Set Identifier Code	M ID 3/3	Code Uniquely identifying a Transaction Set 862 X12.37 Shipping Schedule
Yes	ST02	329	Transaction Set Control Number	M AN 4/9	Identifying control number assigned by the originator for a transaction set. *A unique control number (Same as SE02, auto incremented).*

SEGMENT:	BSS - Beginning Segment for Shipping Schedule
POSITION:	020
LOOP:	
LEVEL:	Heading
USAGE:	Mandatory
MAX USE:	1
PURPOSE:	To indicate the beginning of a shipping schedule.
SYNTAX NOTES:	At Least one of BSS07 or BSS08 is required.
SEMANTIC NOTES:	
COMMENTS:	1 Use BSS02 to indicate a document number. 2 Use BSS03 to indicate the date of this document. 3 Use BSS05 to indicate the schedule horizon start date (when the schedule begins). 4 Use BSS06 to indicate the schedule horizon end date (when the schedule ends.) 5 BSS08 is the identifying number for a forecast assigned by the orderer/purchaser.
NOTES:	This segment indicates whether the schedule is a shipment.
EXAMPLE:	*BSS*05*01*20080603*SH*20080603*20080702****6111*A~*

Use?	Ref Des.	#	Name	Base Attributes	Comments
Yes	BSS01	353	Transaction Set Purpose Code	M ID 2/2	Purpose of transaction set 05 = Replace
Yes	BSS02	127	Reference Number	M AN 1/30	Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. (Release #)
Yes	BSS03	373	Current Date	M DT 8/8	Date Format (YYYYMMDD)
Yes	BSS04	675	Schedule Type Qualifier	M ID 2/2	Code identifying he type of dates used when defining a delivery time in a schedule or forecast. DL = Delivery Based
Yes	BSS05	373	Date - First Day of 30 day	M DT 8/8	First day of the thirty calendar day schedule. Format (YYYYMMDD)
Yes	BSS06	373	Date - Last Day of 30 day	M DT 8/8	Last day of the thirty calendar day schedule. Format (YYYYMMDD)
Yes	BSS10	324	Purchase Order Number	O AN 1/22	Identifying number for Purchase Order assigned by the orderer/purchaser.
Yes	BSS11	676	Schedule Quantity Qualifier	O ID 1/1	Identifying type of quantities used when defining a schedule or forecast A = Actual Discrete Quantities

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SEGMENT:	N1 - Name
POSITION:	050
LOOP:	N1 Optional
LEVEL:	Heading
USAGE:	Optional
MAX USE:	4
PURPOSE:	To identify a party by type or 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:	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.
NOTES:	Four iterations of the N1 loop in the heading area will be used to identify the Shipping Schedule Issuer, the Release Supplier, and the Ship To location. The Ultimate Destination (MA) is not used within the Shipping Schedule.
EXAMPLE:	*N1*SI**92*M100~* *N1*SU**92*100123~* *N1*ST**92*M100~* *N1*SF**92*100123~*

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	N101	98	Entity Identifier Code	M ID 2/2	Identify Organization entity or physical location: SF = Ship From SI = Shipping Schedule Issuer ST = Ship To SU = Supplier/Manufacturer
NO	N102	93	Name	C AN 1/35	Free-form name
Yes	N103	66	Identification Code Qualifier	C ID 1/2	Code designating the system/method of code structure used for Identification Code (67) Assigned by Buyer = **92**
Yes	N104	67	Identification Code	C ID 2/17	**IF N101 = "SU"** use the MAGNA-assigned supplier code. **If N101 = "SF",** use the MAGNA-assigned supplier code of the actual Ship-From location. **If N101 = "ST" or SI"** use the MAGNA assigned plant code, this element would contain one of the following: "1136" = Monterrey Division "M100" = Ramos Division "1200" = Lansing Division "2037" = Muncie East Division "1600 = Muncie Division

SEGMENT:	REF - Reference Identification
POSITION:	090
LOOP:	N1 Optional
LEVEL:	Heading
USAGE:	Optional
MAX USE:	12
PURPOSE:	To specify identifying information
SYNTAX NOTES:	
SEMANTIC NOTES:	
COMMENTS:	Reference fields apply to the detail area.
NOTES:	
EXAMPLE:	*REF*DK*Door 30~*

Use?	Ref Des.	#	Name	Base Attributes	Comments
Yes	REF01	128	Reference Identification Qualifier	O ID 2/3	Code qualifying the Reference Identification AO = Appointment Number CR = Customer Reference Number DK = Dock Number LF = Assembly Line Feed Location RL = Reserve Assembly Line Feed Location
Yes	REF02	127	Reference Identification	X AN 1/30	Reference Information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

SEGMENT:	LIN - Item Identification
POSITION:	010
LOOP:	LIN Optional
LEVEL:	Detail
USAGE:	Optional
MAX USE:	1
PURPOSE:	To specify basic item identification data
SYNTAX NOTES:	**1** If LIN04 is present, then LIN05 is required. **2** If LIN06 is present, then LIN07 is required. **3** If LIN08 is present, then LIN09 is required. **4** If LIN10 is present, then LIN11 is required. **5** If LIN12 is present, then LIN13 is required. **6** If LIN14 is present, then LIN15 is required. **7** If LIN16 is present, then LIN17 is required. **8** If LIN18 is present, then LIN19 is required. **9** If LIN20 is present, then LIN21 is required. 1**0** If LIN22 is present, then LIN23 is required. **11** If LIN24 is present, then LIN25 is required. **12** If LIN26 is present, then LIN27 is required. **13** If LIN28 is present, then LIN29 is required. **14** If LIN30 is present, then LIN31 is required.
SEMANTIC NOTES:	
COMMENTS:	LIN01 is the line item identification
NOTES:	This is a mandatory segment and is used to identify the part number. Clarification on the specification of part number: When MAGNA issues the schedule: **-** BP = MAGNA Part Number
EXAMPLE:	*LIN**BP*21345*PO*6111~*

Use?	Ref Des.	Data Element	Name	Base Attributes	Comments
No	LIN01	350	Assigned Identification	O AN 1/6	Alphanumeric characters assigned for differentiation within a transaction set.
Yes	LIN02	235	Product/Service ID Qualifier	M ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP = Buyer's Part Number
Yes	LIN03	234	Product/Service ID	M AN 1/30	Identifying number for a product or Service. **MAGNA Part Number**
Yes	LIN04	235	Product/Service ID Qualifier	O ID 2/2	Code identifying the type/source of the descriptive number used in Product/Service PO = **MAGNA Purchase Order**
*Yes	LIN05	234	Product/Service ID	C AN 1/30	Identifying number for a product or service, *only if LIN04 = PO **MAGNA Purchase Order Number**

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SEGMENT:	UIT - Unit Detail
POSITION:	020
LOOP:	LIN Optional
LEVEL:	Detail
USAGE:	Mandatory
MAX USE:	1
PURPOSE:	To specify item unit data
SYNTAX NOTES:	
SEMANTIC NOTES:	
COMMENTS:	
NOTES:	This is a mandatory segment and indicates the unit of measure for all quantities relating to the line item.
EXAMPLE:	*UIT*EA~*

Use ?	Ref Des.	Data Element	Name	Base Attributes	Comments
Yes	UIT01	355	Unit or Basis for Measurement Code	M ID 2/2	Code identifying the basic unit of measurement. EA - Each
No	UIT02	212	Unit Price	C R 1/14	Price per unit of product, service, commodity, etc.
No	UIT03	639	Basic of Unit Price Code	O ID 2/2	Code identifying the type of unit price for an item

SEGMENT:	PER - Administrative Communication Contact
POSITION:	060
LOOP:	LIN
LEVEL:	Detail
USAGE:	Optional
MAX USE:	1
PURPOSE:	To identify a person or office to whom administrative communications should be directed
SYNTAX NOTES:	1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.
SEMANTIC NOTES:	
COMMENTS:	
NOTES:	
EXAMPLE:	PER*BD*JOHN BIG*FX*905-555-1212*EM*BIG@MAGNA.ON.CA*E*905-5551313~

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	PER01	366	Contact Function Code	M ID 2/2	Code identifying the major duty or responsibility of the person or group named BD = Buyer Name or Dept. EX = Expeditor
Yes	PER02	93	Name	O AN 1/35	Free-form Name e.g.: Buyer's Name
Yes	PER03	365	Communication Number Qualifier	X ID 2/2	Complete communications number including country or area code when applicable
Yes	PER04	364	Communication Number	X AN 1/80	Code identifying the type of communication number
Yes	PER05	365	Communication Number Qualifier	X ID 2/2	Code identifying the type of communication number
Yes	PER06	364	Communication Number	X AN 1/80	Complete communications number including country or area code when applicable
Yes	PER07	365	Communication Number Qualifier	X ID 2/2	Code identifying the type of communication number
Yes	PER08	364	Communication Number	X AN 1/80	Complete communications number or description to clarify a contact number

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SEGMENT:	REF - Reference Identification
POSITION:	07
LOOP:	LIN
LEVEL:	Detail
USAGE:	Optional
MAX USE:	12
PURPOSE:	To specify identifying information
SYNTAX NOTES:	At least one of REF02 or REF03 is required.
SEMANTIC NOTES:	
COMMENTS:	Use this segment applies all reference fields to the entire LIN loop.
NOTES:	
EXAMPLE:	REF*DK*Door 04~

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	REF01	128	Reference Identification Qualifier	M ID 2/3	Code qualifying the Reference Identification DK = Dock Number LF = Assembly Line Feed Location RF = Reserve Assembly Line Feed Location
Yes	REF02	127	Reference Identification	X AN 1/30	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Yes	REF03	352	Description	X AN 1/80	A free-form description to clarify the related data elements and their content

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SEGMENT:	FST - Forecast Schedule
POSITION:	090
LOOP:	FST Mandatory
LEVEL:	Detail
USAGE:	Optional
MAX USE:	1
PURPOSE:	To specify the forecasted dates and quantities
SYNTAX NOTES:	
SEMANTIC NOTES:	
COMMENTS:	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.
NOTES:	One FST segment represents one of the thirty calendar days for MAGNA.
EXAMPLE:	*FST*100*C*D*20080322~* *FST*100*A*D*20080321~*

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	FST01	38	Quantity	M R 1/10	Numeric value of quantity, Cumulative quantity for the day.
Yes	FST02	680	Forecast Qualifier	M ID 1/1	Code specifying the sender's confidence level of the forecast data. C = Firm A = Immediate/Emergency Requirement/Past Due
Yes	FST03	681	Forecast Timing Qualifier	M ID 1/1	Code specifying interval grouping of the forecast D = Discrete
Yes	FST04	373	Date	M DT 8/8	Format YYYYMMDD

SEGMENT:	JIT - Just-In-Time Schedule
POSITION:	120
LOOP:	JIT Optional
LEVEL:	Detail
USAGE:	Optional
MAX USE:	1
PURPOSE:	To identify the specific shipping/delivery time in terms of a 24-hour clock and the associated quantity.
SYNTAX NOTES:	
SEMANTIC NOTES:	
COMMENTS:	
NOTES:	The JIT loop is used when there is more than one shipment for the day specified in the FST. All times is Eastern Time.
EXAMPLE:	*JIT*100*0800~*

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	JIT01	380	Quantity	M R 1/10	Numeric value of quantity. Quantity to be shipped.
Yes	JIT02	337	Time	M TM 4/4	Time expressed in 24-hour clock time (HHMM)

SEGMENT:	SHP - Shipped/Received Information
POSITION:	150
LOOP:	SHP Optional
LEVEL:	Detail
USAGE:	Optional
MAX USE:	1
PURPOSE:	To specify shipment and/or receipt information
SYNTAX NOTES:	1 If SHP01 is present, then SHP02 is required 2 If SHP03 is present, then SHP04 is required
SEMANTIC NOTES:	
COMMENTS:	**1** The SHP segment is used to communicate shipment, delivery, or receipt information and may include discrete or cumulative quantities, dates, and times. **2** If SHP01 = "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. **3** SHP04 - The date shipped, delivered, received, or the cumulative quantity start date (as qualified by SHP03). **4** SHP06 - The cumulative quantity end date 5 SHP02 - should be CUM RCVD Qty – YTD. MAGNA resets cums at the end of the year.
NOTES:	*This segment is used to give information on either the last shipment shipped or the cumulative quantity shipped to date.*
EXAMPLE:	*SHP*01*856*011*20080302~* *SHP*02*13251*051*20080301**20080316~*

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	SHP01	673	Quantity Qualifier	O ID 2/2	Code specifying the type of quantity 01 = Discrete Quantity 02 = Cumulative Quantity
Yes	SHP02	380	Quantity	C R 1/10	Numeric value of quantity For SHP01 – This is a signed field.
Yes	SHP03	374	Date/Time Qualifier	O ID 3/3	Code specifying type of date or time, or both date and time. If SHP01 = "01", use "050" If SHP01 = "02", use "051" or "011"
Yes	SHP04	373	Date	C DT 8/8	Format YYYYMMDD If SHP01 = "01" Supplier's last ship date If SHP01 = "02" Beginning Inventory Date (same as ATH05)
No	SHP05	337	Time	O TM 4/4	Time expressed in 24-hour clock time (HHMM)
*YES	SHP06	373	Date	C DT 8/8	*Used if SHP01 = "02" for the Last Supplier Ship Date
No	SHP07	337	Time	O TM 4/4	Time expressed in 24-hour clock time (HHMM)

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SEGMENT:	REF - Reference Identification
POSITION:	160
LOOP:	SHP
LEVEL:	Detail
USAGE:	Optional
MAX USE:	12
PURPOSE:	To specify identifying information
SYNTAX NOTES:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required 3 If either C04005 or C04006 is present, then the other is required
SEMANTIC NOTES:	REF04 contains data relating to the value cited in REF02
COMMENTS:	This segment is used to transmit shipment identification information for the last shipment considered by the customer. **THIS SEGMENT IS REQUIRED IF THE PREVIOUS SHP01 contains "01" and the quantity in the SHP02 is greater than zero.**
NOTES:	
EXAMPLE:	**REF*SI*987654~**

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	REF01	128	Reference Identification Qualifier	M ID 2/3	Code qualifying the Reference Identification SI = Shipper's Identifying Number for Shipment (SID)
Yes	REF02	127	Reference Identification	X AN 1/30	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. e.g.: Last Receipt Shipper Number
No	REF03	352	Description	X AN 1/80	A free-form description to clarify the related data elements and their content
No	REF04	C040	Reference Identifier	O	To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

SEGMENT:	CTT - Transaction Totals
POSITION:	010
LOOP:	
LEVEL:	Summary
USAGE:	Mandatory
MAX USE:	1
PURPOSE:	To transmit a hash total for a specific element in the transaction set
SYNTAX NOTES:	
SEMANTIC NOTES:	
COMMENTS:	This segment is intended to provide hash totals to validate transaction completeness and correctness.
NOTES:	**This segment is mandatory and allows the receiver to perform checks for completeness and correctness of this transaction set.**
EXAMPLE:	**CTT*10*298335~**

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	CTT01	354	Number of Line Items	M NO 1/6	Total number of line items in the transaction set. **Total Number of "LIN" segments.**
Yes	CTT02	347	Hash Total	O R 1/10	Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.

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SEGMENT:	SE - Transaction Set Trailer
POSITION:	020
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:	SE is the last segment of each transaction set.
NOTES:	*The transaction set control number value in this trailer must match the same element value in the transaction set header (ST02).*
EXAMPLE:	*SE*40*0001~*

Use ?	Ref Des.	#	Name	Base Attributes	Comments
Yes	SE01	96	Number of Included Segments	M NO 1/6	Total number of segments included in a transaction set including ST and SE segments *The count of all segments in this transaction set including the "ST" and "SE" segments.*
Yes	SE02	329	Transaction Set Control Number	M AN 4/9	Identifying control number assigned by the originator for a transaction set. *Same as ST02*

EXAMPLE 1 of 862

X12 FORMAT	INTERPRETATION
ST*862*0001	ASC X12 Transaction Set = 862 (Shipping Schedule) Transaction Set Control Number = 0001
STBSS*05*20080601*20080603*SH*20080603*20080702***0000008723*A~	Transaction Set Purpose = 05 (Replace) Reference Number = Transaction Set Control Number Current Date = 06/03/2008 Shipment Based Horizon Start Date = 06/03/2008 Horizon End Date = 07/02/2008 Purchase Order Number = 0000008723 Scheduling quantity Qualifier = A (Actual)
N1*SI**92*M100~	MAGNA Shipping Schedule Issuer = M100
N1*SU**92*100123~	MAGNA - assigned Supplier Code = 100123
N1*ST**92*M100~	MAGNA - assigned Receiving Plant Code = M100
N1*SF**92*100123	MAGNA – Ship From Supplier Code = 100123
LIN**BP*04080192AA*PO*0000008723~	Customer-assigned Part Number = 04080192AA Product/Service ID Qualifier = PO (MAGNA Purchase Order) Product/Service ID = MAGNA Purchase Order Number
UIT*EA~	Unit of Measure = Each
FST*1920*C*D*20080402~	Qty=1920, Firm = C, Discrete = D, Date = 20080402
FST*960*C*D*20080403~	Qty= 960, Firm = C, Discrete = D, Date = 20080403
FST*1920*C*D*20080404~	Qty=1920, Firm = C, Discrete = D, Date = 20080404
FST*960*C*D*20080407~	Qty= 960, Firm = C, Discrete = D, Date = 20080407
FST*1920*C*D*20080407~	Qty=1920, Firm = C, Discrete = D, Date = 20080407
FST*960*C*D*20080409~	Qty= 960, Firm = C, Discrete = D, Date = 20080409
FST*1920*C*D*20080410~	Qty=1920, Firm = C, Discrete = D, Date = 20080410
FST*1920*C*D*20080411~	Qty=1920, Firm = C, Discrete = D, Date = 20080411
FST*4800*C*D*20080414~	Qty= 4800, Firm = C, Discrete = D, Date = 20080414
SHP*01*1920*050*20080319~	Discrete Qty = 01, Qty = 1920, qual=050, Date = 20080319
REF*SI*00113608~	Qualifier for SID = SI Last Receipt Shipper# = 00113608
SHP*02*145920*051*20080101**20080319~	Discrete Qty = 02, cum-qty=145920, qual-051, Last ship date 20080101, Last Supplier ship date = 20080319
CTT*1*17280~	Number of line Segments = 1 Hash total = 17280
SE*22*0001	# of Segments = 21 (including this one) Transaction Set Control Number=0001 (same ST02)

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EXAMPLE 2 of 862 w Immediate Requirements

X12 FORMAT	INTERPRETATION
ST*862*0002~	ASC X12 Transaction Set = 862 (Shipping Schedule) Transaction Set Control Number = 0002
BSS*05*20080601*20080603*SH*20080 603*20080702***0000008723*A~	Transaction Set Purpose = 05 (Replace) Reference Number = Transaction Set Control Number Current Date = 06/03/2008 Shipment Based Horizon Start Date = 06/03/2008 Horizon End Date = 07/02/2008 Purchase Order Number = 0000008723 Scheduling quantity Qualifier = A (Actual)
N1*SI**92*M100~	MAGNA Shipping Schedule Issuer = M100
N1*SU**92*100123~	MAGNA - assigned Supplier Code = 100123
N1*ST**92*M100~	MAGNA - assigned Receiving Plant Code = M100
N1*SF**92*100123	MAGNA – Ship From Supplier Code = 100123
LIN**BP*04080192AA~	Customer-assigned Part Number = 04080192AA
UIT*EA~	Unit of Measure = Each
FST*200*A*D*20080331~	Qty=200, Immediate=A, Discrete=D, Date=20080331
FST*200*A*D*20080401~	Qty=200, Immediate=A, Discrete=D, Date=20080401
FST*1920*C*D*20080402~	Qty=1920, Firm = C, Discrete = D, Date = 20080402
FST*960*C*D*20080403~	Qty= 960, Firm = C, Discrete = D, Date = 20080403
FST*1920*C*D*20080404~	Qty=1920, Firm = C, Discrete = D, Date = 20080404
FST*960*C*D*20080407~	Qty= 960, Firm = C, Discrete = D, Date = 20080407
FST*1920*C*D*20080407~	Qty=1920, Firm = C, Discrete = D, Date = 20080407
FST*960*C*D*20080409~	Qty= 960, Firm = C, Discrete = D, Date = 20080409
FST*1920*C*D*20080410~	Qty=1920, Firm = C, Discrete = D, Date = 20080410
FST*1920*C*D*20080411~	Qty=1920, Firm = C, Discrete = D, Date = 20080411
FST*4800*C*D*20080414~	Qty= 4800, Firm = C, Discrete = D, Date = 20080414
SHP*01*1920*050*20080319~	Discrete Qty = 01, Qty = 1920, qual=050, Date = 20080319
REF*SI*00113608~	Qualifier for SID = SI Last Receipt Shipper# = 00113608
SHP*02*146320*051*20080101**20080 319~	Discrete Qty = 02, cum-qty=146320, qual-051, Last ship date 20080101, Last Supplier ship date = 20080319
CTT*1*17280~	Number of line Segments = 1 Hash total = 17280
SE*24*0002	# of Segments = 21 (including this one) Transaction Set Control Number=0001 (same ST02)

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EXAMPLE 3 of 862 w JIT requirements

X12 FORMAT	INTERPRETATION
ST*862*0003~	ASC X12 Transaction Set = 862 (Shipping Schedule) Transaction Set Control Number = 0003
BSS*05*20080601*20080603*SH*2008 0603*20080702***0000008723*A~	Transaction Set Purpose = 05 (Replace) Reference Number = Transaction Set Control Number Current Date = 06/03/2008 Shipment Based Horizon Start Date = 06/03/2008 Horizon End Date = 07/02/2008 Purchase Order Number = 0000008723 Scheduling quantity Qualifier = A (Actual)
N1*SI**92*M100~	MAGNA Shipping Schedule Issuer = M100
N1*SU**92*100123~	MAGNA - assigned Supplier Code = 100123
N1*ST**92*M100~	MAGNA - assigned Receiving Plant Code = M100
N1*SF**92*100123	MAGNA – Ship From Supplier Code = 100123
LIN**BP*04080192AA~	Customer-assigned Part Number = 04080192AA
UIT*EA~	Unit of Measure = Each
FST*200*A*D*20080331~	Qty=200, Immediate=A, Discrete=D, Date=20080331
FST*200*A*D*20080401~	Qty=200, Immediate=A, Discrete=D, Date=20080401
FST*1920*C*D*20080402~	Qty=1920, Firm = C, Discrete = D, Date = 20080402
FST*960*C*D*20080403~	Qty= 960, Firm = C, Discrete = D, Date = 20080403
FST*1920*C*D*20080404~	Qty=1920, Firm = C, Discrete = D, Date = 20080404
FST*960*C*D*20080407~	Qty= 960, Firm = C, Discrete = D, Date = 20080407
FST*1920*C*D*20080407~	Qty=1920, Firm = C, Discrete = D, Date = 20080407
JIT*960*0800~	Qty= 960, Time=0800 (ship 960 @ 0800)
JIT*960*1500~	Qty=1920, Time=1500 (ship 1920 @ 3:00pm)
FST*960*C*D*20080409~	Qty= 960, Firm = C, Discrete = D, Date = 20080409
FST*1920*C*D*20080410~	Qty=1920, Firm = C, Discrete = D, Date = 20080410
FST*1920*C*D*20080411~	Qty=1920, Firm = C, Discrete = D, Date = 20080411
FST*4800*C*D*20080414~	Qty= 4800, Firm = C, Discrete = D, Date = 20080414
SHP*01*1920*050*20080319~	Discrete Qty = 01, Qty = 1920, qual=050, Date = 20080319
REF*SI*00113608~	Qualifier for SID = SI Last Receipt Shipper# = 00113608
SHP*02*146320*051*20080101**2008 0319~	Discrete Qty = 02, cum-qty=146320, qual-051, Last ship date 20080101, Last Supplier ship date = 20080319
CTT*1*17280~	Number of line Segments = 1 Hash total = 17280
SE*26*0003	# of Segments = 21 (including this one) Transaction Set Control Number=0001 (same ST02)