Means Industries, Inc.

Advanced Shipment Notice (856)

X.12 Version 004010

Revision 1.11

March 14, 2019

Description

Transaction Type
The Advanced Shipment Notice, is referred to by its Transaction Set Number: 856

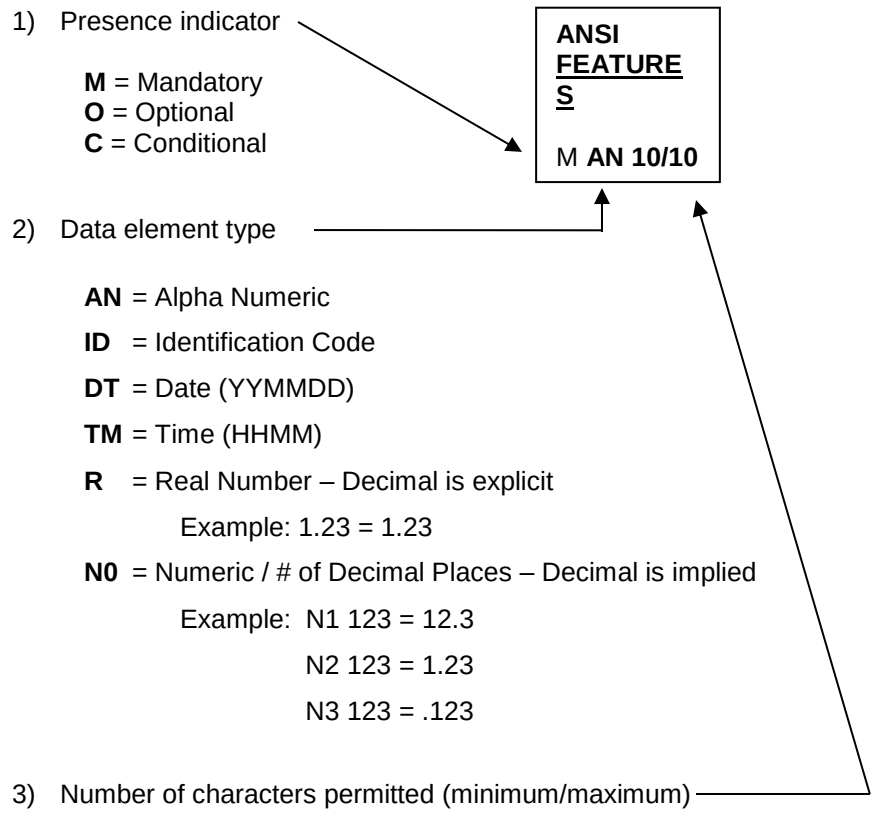
Applicable Standard and Conventions
The 856 transaction set is based upon the AIAG Implementation Guideline for Electronic Data Interchange document, for ANSI ASC X12 Version Release 004010.

Mapping
A sample X.12 EDI Advance Shipment Notice (856) transmission is documented on the following pages to show our use of the Advance Shipment Notice standards.

Schedule
The frequency of this transmission should occur after a shipment has left the facility and prior to it arriving at its destination.

Backup Procedure
If a failure in the EDI process occurs, the Advance Shipment Notice should be sent via third party, or some other method which is timely, reasonable and appropriate under the circumstances.

Key
The **ANSI Features** codes on the following pages are defined as follows:



856 Advance Ship Notice/Manifest

Functional Group ID=SH

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

An 856 transmission is to be sent after the trailer closing at your shipping dock or at the time shipment is released to the carrier. The 856 must arrive at our location prior to the trailer arriving at the receiving dock.

Header:

Pos. No.	Seg. ID	Name	ANSI Usage	Means /Transform Usage	Max. Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	M	1		
020	BSN	Beginning Segment for Purchase Order	M	M	1		
030	DTM	Date/Time	O	M	10		

Detail:

		Loop ID – HL - Shipment				200,000	
010	HL	Hierarchical Level	M	M	1		
	MEA	Measurements	O	M	40		
020	TD1	Carrier Details (quantity and weight)	O	M	20		
030	TD5	Carrier Details (routing sequence/ transit time)	O	M	12		
040	TD3	Carrier Details (Equipment)	O	X	12		
050	FOB	FOB Related Instructions	O	O	1		
		Loop ID – N1				200	
060	N1	Name	O	M	1		
		Loop ID – HL - Order				200,000	
010	HL	Hierarchical Level	M	M	1		
020	LIN	Item Identification	O	M	1		
030	SN1	Item Detail	O	M	1		
		Loop ID – HL - Item				200,000	
010	HL	Hierarchical Level	M	M	1		
020	SN1	Item Detail	O	M	1		
030	MEA	Measurements	O	M	40		
040	REF	Reference Identification	O	M	>1		

Summary:

Pos. No.	Seg. ID	Name	ANSI Usage	Bose Usage	Max. Use	Loop Repeat	Notes and Comments
010	CTT	Transaction Totals	O	M	1		
020	SE	Transaction Set Trailer	M	M	1		

SEGMENT : ISA - Interchange Control Header

LEVEL : N/A

MAX USAGE : 1

PURPOSE : To start and identify an interchange of one or more functional groups and interchange related control segments

GENERAL INFORMATION : ISA*00* *00* *01*123456789 *01*057693145 *100129*0931*U*00400*000001746*0*P*>~

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
ISA01	744	Authorization Information Qualifier	M ID 02/02	Use “00” (zeros)
ISA02	745	Authorization Information	M AN 10/10	Use spaces
ISA03	746	Security Information Qualifier	M ID 02/02	Use “00” (zeros)
ISA04	747	Security Information	M AN 10/10	Use spaces
ISA05	704	Interchange ID Qualifier	M ID 02/02	Use “01”
ISA06	705	Interchange Sender ID	M ID 15/15	Supplier DUNS Number
ISA07	704	Interchange ID Qualifier	M ID 02/02	Use “01”
ISA08	706	Interchange Receiver ID	M ID 15/15	Customer DUNS Number
ISA09	373	Date	M DT 06/06	Date of Transmission “YYMMDD”
ISA10	337	Time	M TM 04/04	Time of Transmission “HHMM” 24 Hour
ISA11	726	Interchange Standards ID	M ID 01/01	“U” = USA
ISA12	703	Interchange Version ID	M ID 05/05	“00400”
ISA13	709	Interchange Control Number	M N0 09/09	Unique number will match IEA02
ISA14	749	Acknowledgment Requested	M ID 01/01	“0” = no acknowledgment
ISA15	748	Test Indicator	M ID 01/01	Use “P” for production data – do not use “T”
ISA16	701	Sub-element Separator	M ID 01/01	Must be different than element separator

ELEMENT SEPARATOR and SEGMENT TERMINATOR

Segment Terminator	HEX “1C”
Element Separator	HEX “2A”
Sub-element Separator	HEX “3C”

SEGMENT : GS - Functional Group Header

LEVEL : N/A

MAX USAGE : 1

PURPOSE : To start and identify a group of related transaction sets and provide control and application identification information.

GENERAL INFORMATION : GS*SH*987654321*123456789*20130325*1302*000000177*X*004010~

Strict compliance and agreement on content by trading partners is required.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
GS01	479	Functional ID	M ID 02/02	For 856 use “SH”
GS02	142	Application Sender Code	M ID 02/12	Supplier DUNS Number
GS03	124	Application Receiver Code	M ID 02/12	Customer DUNS Number
GS04	029	Data Interchange Date	M DT 08/08	Date of transmission “YYYYMMDD”
GS05	030	Data Interchange Time	M TM 04/04	Date of transmission “HHMM” 24 hour
GS06	028	Data Interchange Number	M N0 01/09	Must be the same as the number in GE02
GS07	455	Responsibility Agency	M ID 01/02	“X” for X12
GS08	480	Version	M ID 01/02	“004010” ANSI version & release Number

SEGMENT **:** ST - Transaction Set Header

LEVEL **:** Heading Only

MAX USAGE **:** 1

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

GENERAL INFORMATION **:** ST*856*0001~

The transaction set control number (ST02) in this header must match the transaction set control number (SE02) in the transaction set trailer(SE). This segment is mandatory.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
ST01	143	Transaction Set ID Identifier	M ID 03/03	"856" = Advance Shipment Notice
ST02	329	Transaction Set Control Number	M AN 04/09	A unique control number assigned to each transaction set within a functional group, incremented by 1 for each subsequent transaction set. Same as SE02.

SEGMENT **:** BSN - Beginning Segment

LEVEL **:** Heading

MAX USAGE **:** 1

PURPOSE **:** To indicate the beginning of an advanced shipment notice transaction set and related ship information**.**

GENERAL INFORMATION : BSN*00*18448-144*20130325*0103~

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
BSN01	353	Transaction Set Purpose	M ID 02/02	“00” Original “01” Cancellation
BSN02	396	Reference Number	M AN 01/30	Bill of Lading or Packing List Number (No leading zeros)
BSN03	373	Date	M DT 08/08	Transmission date “YYYYMMDD”
BSN04	337	Time	M ID 04/04	Transmission time “HHMM” 24 hour

SEGMENT **:** DTM – Date/Time Reference

LEVEL **:** N/A

MAX USAGE **:** 1

PURPOSE **:** To relay shipment information

GENERAL INFORMATION **:** DTM*011*20130325*1302~

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
DTM01	374	Date/Time Qualifier	M ID 03/03	“011” = Shipped
DTM02	373	Date	M DT 08/08	Date shipped “YYYYMMDD”
DTM03	337	Time	M ID 04/04	Time shipped “HHMM” 24 hour

SEGMENT **:** HL – Hierarchical Level

LEVEL **:** Heading

MAX USAGE **:** 1

PURPOSE **:** To indicate the beginning of the shipment information of the transaction set.

GENERAL INFORMATION **:** HL*1**S~

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
HL01	628	Hierarchical ID Number	M ID 01/01	Shipment Level ID Number - A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. "1" for the first HL segment and incremented by "1" in each subsequent HL segment within the transaction set.
HL03	735	Hierarchical Level Code	M ID 01/01	“S” = Shipment Level

SEGMENT **:** MEA – Measurements

LEVEL **:** Shipment

MAX USAGE **:** 1

PURPOSE **:** To indicate the total weight for the shipment within this level.

GENERAL INFORMATION **:** MEA*PD*G*29*LB~

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
MEA01	737	Measurement Reference ID Code	M ID 02/02	“PD” = Physical Dimension
MEA02	738	Measurement Qualifier	M ID 01/01	“G” = Gross Weight
MEA03	739	Measurement Value	M R 01/10	Weight
MEA04	355	Unit of Measurement Code	M ID 02/02	“LB” = Pounds

SEGMENT **:** TD1 – Carrier Details

LEVEL **:** Shipment

MAX USAGE **:** 1

PURPOSE **:** To specify container quantity

GENERAL INFORMATION **:** TD1*CTN*1~

This segment indicates the container information relating to the line item.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
TD101	103	Packaging Code	M ID 01/05	Any ANSI Defined Code (i.e.: “PLT90”=Pallet, “SKD90”=Skid, “CTN90”=Carton)
TD102	080	Lading Quantity	M N0 01/10	Quantity of Packaging Code Shipped Number of packages of the type specified in TD101.

SEGMENT **:** TD5 – Carrier Details

LEVEL **:** Shipment

MAX USAGE **:** 1

PURPOSE **:** To specify routing sequence

GENERAL INFORMATION **:** TD5*B*2*UPSS*M~

This Segment indicates the Routing Transportation relating to this shipment.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
TD501	133	Routing Sequence Code	M ID 01/01	“B” = Origin Delivery Carrier
TD502	066	Identification Code Qualifier	M ID 01/01	“2” = Standard Carrier Alpha Code
TD503	067	Identification Code	M ID 05/05	SCAC Code
TD504	091	Transportation Method/Type Code	M ID 01/02	“R” = Rail “M” = Motor (Common Carrier)

SEGMENT **:** TD3 – Carrier Details

LEVEL **:** Shipment

MAX USAGE **:** 1

PURPOSE **:** To specify Equipment information

GENERAL INFORMATION **:** TD3*TL**1ZE0X123456~

This segment is used to relay Equipment Information about the shipment.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
TD301	040	Equipment Description Code	M ID 02/02	"TL" = Trailer "RR" = Rail Car
TD303	207	Equipment Number	M ID 01/20	Equipment Number or Carrier Tracking Number (FedEx, UPS)

SEGMENT **:** FOB – Related Instructions

LEVEL **:** Shipment

MAX USAGE **:** 1

PURPOSE **:** To specify Shipment Method of Payment

GENERAL INFORMATION **:** FOB*BP~

This segment is used to specify the Method of Payment for shipment.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
FOB01	146	Shipment Method of Payment	O ID 02/02	"PP" = Prepaid (by Seller) "CC" = Collect "BP" = Paid by Buyer

SEGMENT **:** N1 - Name

LEVEL **:** Heading

MAX USAGE **:** 1 / 200

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

GENERAL INFORMATION : N1*ST**ZZ*US02~
N1*SF**1*999999999

Two N1 segments are required, one to indicate Ship-from location and the other to indicate Ship-to location, as sent in 830.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
N101	098	Organization Identifier	M ID 02/02	"ST" = Ship to Location "SF" = Ship From Both ST and SF N1 segments are required
N103	066	Identification Code Qualifier	M ID 02/02	"ZZ" = Mutually Defined "1" = DUNS Number
N104	067	Identification Code	M AN 02/17	Code identifying a party If N101 = "ST" receiving plant (i.e. "US02" =Means OWC "US03" =Means Saginaw "US06" =TFA Sterling Heights Plant 2 "US07" =TFA Sterling Heights "US10" =TFA Shelby Twp. "CA08" = TFA London) If N101 = "SF" ship-from location

SEGMENT **:** HL – Hierarchical Level
LEVEL **:** Order

MAX USAGE **:** 1

PURPOSE **:** To identify the start of an Order Level

GENERAL INFORMATION **:** HL*2*1*O~

The HL segment is used to specify a new order level is coming next in the transaction.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
HL01	628	Hierarchical ID Number	M ID 01/01	Order Level ID Number - A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. "1" for the first HL segment and incremented by "1" in each subsequent HL segment within the transaction set.
HL02	734	Hierarchical Parent ID Number	M ID 01/01	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to The ID number of the parent HL segment. Required for all HL segments at the order and item levels.
HL03	735	Hierarchical Level Code	M ID 01/01	“O” = Order Level

SEGMENT **:** LIN - Line Item Detail

LEVEL **:** Detail

MAX USAGE **:** 1

PURPOSE **:** To specify basic item identification data

GENERAL INFORMATION **:** LIN**BP*12345*PO*5500099999*PL*00010~

This Segment will be used for our Part number, Purchase Order number, Purchase Order line number

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
LIN02	235	Product ID Qualifier	M ID 02/02	"BP" = Buyer's Part
LIN03	234	Product ID	M AN 01/30	Buyer's Part Number
LIN04	235	Product ID Qualifier	M ID 02/02	"PO" = Purchase Order Number
LIN05	234	Product ID	M AN 01/30	Buyer's Purchase Order Number
LIN06	235	Product ID Qualifier	M ID 02/02	"PL" = Purchase Order Line Number
LIN07	234	Product ID	M AN 01/30	Buyer's Purchase Order Line Number

SEGMENT **:** SN1 – Item Detail Shipment

LEVEL **:** Detail

MAX USAGE **:** 1

PURPOSE **:** To specify item shipment detail

GENERAL INFORMATION **:** SN1**10000*EA~

This segment indicates the shipment quantities relating to the line item.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
SN102	382	Number of Units Shipped	M R 01/10	Quantity being shipped
SN103	355	Unit of Measure	M ID 02/02	Unit of measure corresponding with Number of Units Shipped in SN102 (i.e.: “EA” Each, “LB” Pounds). Return UOM from 830 Release.

SEGMENT **:** HL – Hierarchical Level

LEVEL **:** Shipment

MAX USAGE **:** 1/ 200

PURPOSE **:** To specify Shipment levels

GENERAL INFORMATION **:** HL*3*1*I~

This Segment is mandatory and is used to segregate when a shipment level is to begin.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
HL01	628	Hierarchical ID Number	M ID 01/02	Item Level ID Number - A unique number assigned by the sender to identify a particular data segment in a hierarchical structure "1" for the first HL segment and incremented by "1" in each subsequent HL segment within the transaction set.
HL02	734	Hierarchical Parent ID Number	M ID 01/02	Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to the ID number of the parent HL segment. Required for all HL segments at the order and item levels.
HL03	735	Hierarchical Level Code	M ID 01/01	“I” = Item Level

SEGMENT **:** SN1 – Item Detail Shipment Information

LEVEL **:** Detail

MAX USAGE **:** 1

PURPOSE **:** To specify number of units shipped.

GENERAL INFORMATION **:** SN1**10000*EA~

Referring to the reference number in the following REF*LS segment. Steel Suppliers should indicate the number of coils for this label otherwise indicate the quantity shipped for the Master, Mixed or Container label in the following REF*LS segment.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
SN102	382	Number of Units Shipped	M R 01/10	Number of Units Shipped
SN103	355	Unit or Basis for Measurement Code	M ID 02/02	Any valid ANSI Code identifying the basic unit of measurement. (i.e.: “EA” Each, “CX” Coil)

SEGMENT : MEA

LEVEL : Detail

MAX USAGE : 1

PURPOSE : To specify dimensions

GENERAL INFORMATION : MEA*PD*WT*0*01~

Indicate Total Weight for this Part Number

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
MEA01	737	Measurement Reference ID Code	M ID 02/02	“PD” = Physical Dimensions
MEA02	738	Measurement Qualifier	M ID 02/02	“WT” = Weight
MEA03	739	Measurement Value	M R 01/10	Value
MEA04	355	Unit of Measure	M ID 01/01	“01” = Actual Pounds

SEGMENT : MEA – Measurements

LEVEL : Detail

MAX USAGE : 1

PURPOSE : To specify dimensions

GENERAL INFORMATION : MEA*PD*TH*.088*01~

Only used for Steel Suppliers

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
MEA01	737	Measurement Reference ID Code	O ID 02/02	“PD” = Physical Dimensions
MEA02	738	Measurement Qualifier	O ID 02/02	“TH” = Thickness
MEA03	739	Measurement Value	O R 01/10	Value
MEA04	355	Unit of Measure	O ID 01/01	“IN” = Inch

SEGMENT **:** MEA – Measurements

LEVEL **:** Detail

MAX USAGE **:** 1

PURPOSE **:** To specify dimensions

GENERAL INFORMATION **:** MEA*PD*WD*8.94*IN~

Only used for Steel Suppliers

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
MEA01	737	Measurement Reference ID Code	O ID 02/02	“PD” = Physical Dimensions
MEA02	738	Measurement Qualifier	O ID 02/02	“WD” = Width
MEA03	739	Measurement Value	O R 01/10	Value
MEA04	355	Unit of Measure	O ID 01/01	“IN” = Inch

SEGMENT **:** REF – Reference Identification

LEVEL **:** Detail

MAX USAGE **:** 200 for these REF segments

PURPOSE **:** To transmit the Serial Number for item being shipped.

GENERAL INFORMATION **:** REF*LS*3S009999999~

This segment will be used to indicate the Serial number for the item being shipped. The Container Serial Number or the Mixed Load Serial Number should be used. Only 2 part numbers are allowed on a mixed load label.

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
REF01	128	Reference Identification Number	M ID 02/02	"LS" = Finished Goods Number
REF02	127	Reference Identification	M ID 01/16	Serial Number Serial Numbers must have prefix "3S" = Container "4S" = Master "5S" = Mixed or dual parts "S" = Serial/Coil # Steel Suppliers Only (1-2 alpha prefix plus 14 numeric s/n)

SEGMENT : REF – Reference Identification

LEVEL : Detail

MAX USAGE : 200 for these REF segments

PURPOSE : To specify Heat Numbers

GENERAL INFORMATION : REF*HC*37588~

This segment will be used to indicate the Heat number for the item being shipped. Only used for Steel Suppliers

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
REF01	128	Reference Identification Number	M ID 02/02	"HC" = Heat Code~~s~~ Number
REF02	127	Reference Identification	M ID 01/30	Heat Number

SEGMENT **:** CTT - Transaction Totals

LEVEL **:** Summary

MAX USAGE **:** 1

PURPOSE **:** To transmit the total number of HL segments within this transaction set.

GENERAL INFORMATION **:** CTT*3~

This segment allows the receiver to perform checks for completeness and correctness of this transaction set

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
CTT01	354	Number of HL segments	M N0 01/06	Total number of HL segments

SEGMENT : SE Transaction Set Trailer

LEVEL : Trailer

MAX USAGE : 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.

GENERAL INFORMATION : SE*19*0001~

The number of included segments is the total of all segments used in the transaction set including the ST and SE segments. The transaction set control number value in this trailer must match the same element value in the transaction header (ST02)

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
SE01	096	Number of Included Segments	M N0 01/06	
SE02	329	Transaction Set Control Number	M AN 04/08	Same as corresponding ST02

SEGMENT **:** GE - Function Group Trailer

LEVEL **:** N/A

MAX USAGE **:** 1 / as required

PURPOSE **:** To indicate the end of a functional group of related transaction sets

GENERAL INFORMATION **:** GE*1*000000177~

The data interchange control number (GE02) in trailer must be identical to the same data element in the associated functional group header (GS)

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
GE01	097	Number of Included Transaction Sets	M N0 01/06	Total number of ST/SE pairs within functional group
GE02	028	Data Interchange Control Number	M N0 01/09	Must be identical to the same data element in associated group header (GS06)

SEGMENT : IEA Interchange Control Trailer

LEVEL : N/A

MAX USAGE : 1

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

GENERAL INFORMATION : IEA*1*000000177~

The interchange control number in this trailer must match the value in the ISA13 element

ELEM NO	#	NAME	ANSI FEATURES	COMMENTS
IEA01	405	Number of Included Groups	M N0 01/05	Number of GS segments included between ISA and this IEA
IEA02	709	Interchange Control Number	M N0 09/09	Must Match ISA13

856 Example

ISA*00* *00* *01*987654321 *01*123456789 *130325*1302*U*00401*000000177*1*P*>~
GS*SH*987654321*123456789*20130325*1302*000000177*X*004010~
ST*856*0001~
BSN*00*18448-144*20130325*0103~
DTM*011*20130325*1302~
HL*1**S~
MEA*PD*G*29*LB~
TD1*CTN*1~
TD5*B*2*UPSS*M~
TD3*TL**1ZE0X123456~
FOB*BP~ **<< Optional**
N1*ST**ZZ*US02~
N1*SF**1*987654321~
HL*2*1*O~
LIN**BP*12345*PO*5500099999*PL*00010~
SN1**10000*EA~
HL*3*1*I~
SN1**10000*EA~
MEA*PD*WT*0*01~
REF*LS*3S009999999~
CTT*3~
SE*19*0001~
GE*1*000000177~
IEA*1*000000177~

856 Example - Mixed Load

ISA*00* *00* *01*123456789 *01*112900746 *100129*1919*U*00401*000000592*0*P*>~
GS*SH*123456789*112900746*20100129*1919*538*X*004010~
ST*856*0001~
BSN*00*00000999*20100129*1915~
DTM*011*20100129*1900~
HL*1**S~
MEA*PD*G*14478*LB~
TD1*CTN90*20~
TD5*B*2*KLFM*M~
TD3*TL**169999~
N1*ST**ZZ*US02~
N1*SF**1*123456789~
HL*2*1*O~
LIN**BP*19999*PO*5500099999*PL*00010~
SN1**3162*EA~
HL*3*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18473~
HL*4*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18472~
HL*5*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18471~
HL*6*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18470~
HL*7*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18469~
HL*8*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18468~
HL*9*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18467~
HL*10*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18466~
HL*11*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18465~

856 Example - Mixed Load (continued)

HL*12*1*I~
SN1**138*EA~
MEA*PD*WT*367*01~
REF*LS*5S18464~
HL*13*1*O~
LIN**BP*12999*PO*55000099999*PL*00020~
SN1**3162*EA~
HL*14*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18473~
HL*15*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18472~
HL*16*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18471~
HL*17*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18470~
HL*18*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18469~
HL*19*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18468~
HL*20*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18467~
HL*21*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18466~
HL*22*1*I~
SN1**336*EA~
MEA*PD*WT*6871*01~
REF*LS*5S18465~
HL*23*1*I~
SN1**138*EA~
MEA*PD*WT*367*01~
REF*LS*5S18464~
CTT*23~
SE*98*0001~
GE*1*538~
IEA*1*000000592~

856 Example - Steel Suppliers

ISA*00* *00* *01*123456789 *01*057693145 *100129*0931*U*00400*000001746*0*P*>~
GS*SH*123456789*057693145 *20100129*0931*1746*X*004010~
ST*856*0001~
BSN*00*0339999*20100129*09315170~
DTM*011*20100129*0930~
HL*1**S~
MEA*PD*G*22465*LB~
TD1*COL52*3~
TD5*B*2*STTX*M~
TD3*TL**01~
FOB*PP~ **<< Optional**
N1*ST**ZZ*US03~
N1*SF**1*123456789~
HL*2*1*O~
LIN**BP*XYZ123*PO*5500000999*PL*00010~
SN1**22465*LB~
HL*3*2*I~
SN1**1*CX~
MEA*PD*WT*7485*01~
MEA*PD*TH*.088*IN~
MEA*PD*WD*8.94*IN~
REF*LS*S033758800804072~
REF*HC*37588~
HL*4*2*I~
SN1**1*CX~
MEA*PD*WT*7500*01~
MEA*PD*TH*.088*IN~
MEA*PD*WD*8.94*IN~
REF*LS*S033758800804098~
REF*HC*37588~
HL*5*2*I~
SN1**1*CX~
MEA*PD*WT*7480*01~
MEA*PD*TH*.088*IN~
MEA*PD*WD*8.94*IN~
REF*LS*033758800804099~
REF*HC*37588~
CTT*5~
SE*38*0001~

Record of Revisions:

Revision	Revision Date	Change Description
1.5	7/15/2013	Original release
1.6	4/16/2015	REF02 – character max changed from 30 to 16
1.7	10/12/2015	Include "~" delimiter on the 856 examples. BSN02 - change "needs to match paperwork sent to us" to "no leading zeros" REF02 - change number of characters from 30 to 16 (barcode program only accepts 16 characters) CTT02 - remove - not used. Remove from examples. Leave CTT01 intact
1.8	1/15/2016	Corrected N103 value to require "1" for DUNS Number Updated Means Logo
1.9	4/30/2018	Updated logo and removed references to Transform Automotive, which is now "Means" ISA15 comment to not use a "T" for test only use "P"
1.10	6/25/2018	Extended TD303 to accept 20 characters – equipment number