



Implementation Guidelines for EDI Conventions

Addendum

856 - 3060

Ship Notice / Manifest

REQUIREMENTS

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

SECTION	PAGE
-----	-----
APPLICATION GUIDELINE - ADDENDUM	
856 - Ship Notice / Manifest:	
Introduction	856.2
Segment Usage Overview	856.3
Specific Usage of Individual Segments . . .	856.5
Examples of the 856 Transaction Set with Data Specific to Amtex	856.7

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

Introduction

This document shall act as an addendum to Amtex 856 - Implementation Guidelines for EDI Conventions - 3060, which will be used by all Amtex Plants.

The intent of this document is to provide the user with specific requirements of the Amtex guidelines that shall be used when trading documents with Amtex. All information presented here shall be consistent with those guidelines

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IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

Segment Usage Overview

The following tables contain a column that compares segment usage according to the Amtex standard versus specific requirements by Amtex. Mandatory (M), Optional (O) or Not Used (N) usage is indicated for both columns, and where it is deemed necessary to add further explanation, a "Note Code" has been added with its respective explanation found in the **Specific Usage of Individual Segments** section.

HEADER SEGMENT DESCRIPTION TABLE

SEG ID	TITLE	USAGE AMTEX	AMTEX	NOTE CODE
ST	Transaction Set header	M	M	
BSN	Beginning Segment for Shipping Notice	M	M	01
DTM	Date/Time Reference	O	M	02

DETAIL (SHIPMENT LEVEL) SEGMENT DESCRIPTION TABLE

SEG ID	TITLE	USAGE AMTEX	AMTEX	NOTE CODE
HL	Hierarchical Level	M	M	
MEA	Measurements	O	M	03
TD1	Carrier Details (Quantity and Weight)	O	O	
TD5	Carrier Details (Routing/Transit Time)	O	M	04
TD3	Carrier Details (Equipment)	O	M	05
FOB	F.O.B. Related Instructions	O	O	
REF	Reference Identification	O	M	06
N1	Name	O	M	07

DETAIL (TARE LEVEL) SEGMENT DESCRIPTION TABLE

SEG ID	TITLE	USAGE AMTEX	AMTEX	NOTE CODE
HL	Hierarchical Level	O	O	08
REF	Reference Identification	M	M	09

Segment Usage Overview (continued)

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IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

DETAIL (ITEM LEVEL) SEGMENT DESCRIPTION TABLE

SEG		USAGE		NOTE
ID	TITLE	AMTEX	AMTEX	CODE
HL	Hierarchical Level	M	M	10
LIN	Line Item Detail	M	M	11
SN1	Item Detail Shipment	M	M	12
PRF	Purchase Order Reference	O	M	13
CLD	Load Detail	O	M	14
REF	Reference Identification	O	M	15

SUMMARY / TRAILER SEGMENT DESCRIPTION TABLE

SEG		USAGE		NOTE
ID	TITLE	AMTEX	AMTEX	CODE
CTT	Transaction Totals	M	M	
SE	Transaction Set Trailer	M	M	

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IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

Specific Usage of Individual Segments

Note Code	Definition
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01	Ship Notice Number (BSN02) shall have a maximum size of 9 characters for Amtex ASN's. This shall be a unique Supplier assigned number that is not repeated within a one year period.
02	The use of one DTM segment is mandatory in the Heading Area for Amtex ASN's and it shall have a qualifier of "011" to specify Shipped Date/Time.
03	The use of one MEA segment to specify Gross Shipment Weight is mandatory for Amtex ASN's at the Shipment Level.
04	The use of one TD5 segment is mandatory for Amtex ASN's at the Shipment Level.
05	The use of one TD3 segment is mandatory for Amtex ASN's at the Shipment Level.
06	The use of two REF segments is mandatory for Amtex ASN's at the Shipment Level. One shall have an REF01 qualifier of "BM" (Bill of Lading), and the second shall have an REF01 qualifier of "PK" (Packing Slip Number).
07	The use of two N1 segment is mandatory for Amtex ASN's at the Shipment Level. One shall have an N101 qualifier of "SF" (Ship-from), and the second shall have an N101 qualifier of "ST" (Ship-To).
08	The use of the HL segment at the Tare Level should be used when there is the need to specify a Master or Mixed container label serial number, and shall point to the shipment level.
09	The use of one REF segment at the Tare Level is mandatory if an HL segment indicating Tare Level has been used. This segment shall contain the Master or Mixed container label serial number, including the scanned data identifier.
10	The use of at least one HL segment at the Item Level is mandatory for Amtex ASN's.
11	The use of at least one LIN segment is mandatory at the Item Level for Amtex ASN's.
12	The use of one SN1 segment per LIN loop is mandatory for Amtex ASN's.
13	The use of one PRF segment per LIN loop is mandatory for Amtex ASN's.
14	The use of at least one CLD loop per LIN loop is mandatory for Amtex ASN's.

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

15 The use of at least one REF segment per CLD loop is mandatory for Amtex ASN's. This segment shall contain the individual container label **serial number**, including the scanned data identifier (**REF*LS**). Serial number is an alpha/numeric field, 1 to 9 characters in length.

For some products (such as yarn, fiber, and primary backing materials, a second segment must be included containing the **lot number** (**REF*LT**) information. Lot number is an alpha/numeric field 1 to 10 characters in length.

There is an additional requirement for Yarn suppliers. They are requested to use the **REF*CJ** in order to supply a cone count. Reference example 3.

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

EXAMPLE 1

Amtex ASN Example

Original ASN

Ship via Truck

3 Boxes wrapped onto a pallet, with Master Label affixed to the outside of the shrink wrap

HEADER INFORMATION

Transaction ID No.:	3021
Shipment ID No.:	227634
Ship Notice Date:	09-05-90
Ship Notice Time:	10:40
Ship Date:	09-05-90
Ship Time:	10:38

SHIPMENT LEVEL INFORMATION

Gross Weight:	7500 lbs.
Containers:	1
SCAC Code:	RDWY
Delivery Mode:	Motor Carrier
Trailer No.:	4791
Bill of Lading No.:	227634
Packing List No.:	227634
Ship From (Supplier):	12345
Ship To (F/A Plant):	01

TARE LEVEL INFORMATION

Master Label No.:	M87532
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ITEM LEVEL INFORMATION

Part Number:	2125082
Quantity Shipped:	300 pieces
Purchase Order No.:	9586
Containers:	3
Qty/Container:	100
Container Label	Serial Numbers:
	S82581
	S82582
	S82583
	Lot Numbers:
	1079142
	(respectively)
	1079142
	1079142

TRAILER INFORMATION

Total Hierarchical Levels:	3
Transaction ID No.:	3021

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

EXAMPLE 1 (EDI detail continued)

EDI FORMAT	INTERPRETATION
ST*856*3021	ANSI Transaction Set 856 Transaction Set Control No. = 3021
BSN*00*227634*900905*1040	Status = 00 (Original) SID No. = 227634 Date Created = 09/05/90 Time Created = 10:40 am
DTM*011*900905*1038	Ship Date = 09/05/90 Ship Time = 10:38 am
HL*1**S	Hierarchical ID Number = 1 Hierarchical Level = Shipment
MEA*PD*G*7500*LB	Gross Weight = 7500 pounds
TD1*PLT90*1	Shipping Container = 1 Pallet
TD5*B*02*RDWY*M	Carrier = Roadway Mode = Motor Carrier
TD3*TL**4791	Trailer Number = 4791
REF*BM*227634	Bill of Lading = 227634
REF*PK*227634	Packing List No. = 227634
N1*SF**92*12345	Ship-From (Supplier) ID = 12345
N1*ST**92*01	Ship-To (F/A Plant) ID = 01
HL*2*1*T	Hierarchical ID Number = 2 Hierarchical Parent ID Number = 1 (Ship) Hierarchical Level = Tare
REF*LS*M87532	Master Label Serial Number = M87532
HL*3*2*I	Hierarchical ID Number = 3 Hierarchical Parent ID Number = 2 (Tare) Hierarchical Level = Item
LIN**BP*2125082	Buyer's Part Number = 2125082
SN1**300*PC	Units Shipped = 300 pieces
PRF*9586	Purchase Order Number = 9586
CLD*3*100*BOX90	Load Detail = 3 Boxes @ 100 each
REF*LS*S82581	Container Label Serial No. = S82581
REF*LT*1079142	Container Lot number = 1079142

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

REF*LS*S82582	Container Label Serial No. = S82582
REF*LT*1079142	Container Lot number = 1079142
REF*LS*S82583	Container Label Serial No. = S82583
REF*LT*1079142	Container Lot number = 1079142
CTT*3*300	Number of HL segments = 3 Accum Quantity in SN1 segments = 300
SE*24*3021	Total Number of Segments = 24 Transaction Set Control Number = 3021

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

EXAMPLE 2

Amtex ASN Example
Original ASN
Ship via Truck
5 Individual Containers

HEADER INFORMATION

Transaction ID No.:	3023
Shipment ID No.:	172611
Ship Notice Date:	09-05-90
Ship Notice Time:	11:02
Ship Date:	09-05-90
Ship Time:	11:00

SHIPMENT LEVEL INFORMATION

Gross Weight:	7500 lbs.
Containers:	5
SCAC Code:	RDWY
Delivery Mode:	Motor Carrier
Trailer No.:	4222
Bill of Lading No.:	172611
Packing List No.:	172611
Ship From (Supplier):	12345
Ship To (F/A Plant):	01

ITEM LEVEL INFORMATION

Part Number:	3621870
Quantity Shipped:	50 pieces
Purchase Order No:	9223
Containers:	1
Qty/Container:	50
Container Label Serial Number:	S26529

ITEM LEVEL INFORMATION

Part Number:	3621880
Quantity Shipped:	50 pieces
Purchase Order No:	9224
Containers:	1
Qty/Container:	50
Container Label Serial Number:	S27812

ITEM LEVEL INFORMATION

Part Number:	3621890
Quantity Shipped:	50 pieces
Purchase Order No:	9225
Containers:	1
Qty/Container:	50
Container Label Serial Number:	S36511

ITEM LEVEL INFORMATION

Part Number:	3332270
Quantity Shipped:	100 pieces
Purchase Order No:	9211
Containers:	2
Qty/Container:	50
Container Label Serial Number:	S45212
	S45213

TRAILER INFORMATION

Total Hierarchical Levels:	5
Transaction ID No.:	3023

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

EXAMPLE 2 (EDI detail continued)

EDI FORMAT	INTERPRETATION
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ST*856*3023	ANSI Transaction Set 856 Transaction Set Control No. = 3023
BSN*00*172611*900905*1102	Status = 00 (Original) SID No. = 172611 Date Created = 09/05/90 Time Created = 11:02 am
DTM*011*900905*1100	Ship Date = 09/05/90 Ship Time = 11:00 am
HL*1**S	Hierarchical ID Number = 1 Hierarchical Level = Shipment
MEA*PD*G*7500*LB	Gross Weight = 7500 pounds
TD1*BOX90*5	Shipping Container = 5 Boxes
TD5*B*02*RDWY*M	Carrier = Roadway Mode = Motor Carrier
TD3*TL*4222	Trailer Number = 4222
REF*BM*172611	Bill of Lading = 172611
REF*PK*172611	Packing List No. = 172611
N1*SF**92*12345	Ship-From (Supplier) ID = 12345
N1*ST**92*01	Ship-To (F/A Plant) ID = 01
HL*2*1*I	Hierarchical ID Number = 2 Hierarchical Parent ID Number = 1 (Ship) Hierarchical Level = Item
LIN**BP*3621870	Buyer's Part Number = 3621870
SN1**50*PC	Units Shipped = 50 pieces
PRF*9223	Purchase Order Number = 9223
CLD*1*50*BOX90	Load Detail = 1 Box @ 50 each
REF*LS*S26529	Container Label Serial No. = S26529
HL*3*1*I	Hierarchical ID Number = 3 Hierarchical Parent ID Number = 1 (Ship) Hierarchical Level = Item
LIN**BP*3621880	Buyer's Part Number = 3621880

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

SN1**50*PC	Units Shipped = 50 pieces
PRF*9224	Purchase Order Number = 9224
CLD*1*50*BOX90	Load Detail = 1 Box @ 50 each
REF*LS*S27812	Container Label Serial No. = S27812
HL*4*1*I	Hierarchical ID Number = 4 Hierarchical Parent ID Number = 1 (Ship) Hierarchical Level = Item
LIN**BP*3621890	Buyer's Part Number = 3621890
SN1**50*PC	Units Shipped = 50 pieces
PRF*9225	Purchase Order Number = 9225
CLD*1*50*BOX90	Load Detail = 1 Box @ 50 each
REF*LS*S36511	Container Label Serial No. = S36511
HL*5*1*I	Hierarchical ID Number = 5 Hierarchical Parent ID Number = 1 (Ship) Hierarchical Level = Item
LIN**BP*3332270	Buyer's Part Number = 3332270
SN1**100*PC	Units Shipped = 100 pieces
PRF*9211	Purchase Order Number = 9211
CLD*2*50*BOX90	Load Detail = 2 Boxes @ 50 each
REF*LS*S45212	Container Label Serial No. = S45212
REF*LS*S45213	Container Label Serial No. = S45213
CTT*5*250	Number of HL Segments = 5 Accum Quantity in SN1 Segments = 250
SE*39*3023	Total Number of Segments = 39 Transaction Set Control Number = 3023

EXAMPLE 3

Amtex ASN Example
Original ASN
Ship via Truck
1 Individual Container

HEADER INFORMATION

Transaction ID No.: 3044

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

Shipment ID No.:	172612
Ship Notice Date:	09-05-90
Ship Notice Time:	11:02
Ship Date:	09-05-90
Ship Time:	11:00

SHIPMENT LEVEL INFORMATION

Gross Weight:	630 lbs.
Containers:	1
SCAC Code:	RDWY
Delivery Mode:	Motor Carrier
Trailer No.:	4222
Bill of Lading No.:	172612
Packing List No.:	172612
Ship From (Supplier):	12345
Ship To (F/A Plant):	01

ITEM LEVEL INFORMATION

Part Number:	3621870
Quantity Shipped:	630 pounds
Purchase Order No.:	9223
Containers:	1
Qty/Container:	630
Container Label Serial Number:	S27812
Container Lot Number:	W038287
Container Cone Count:	8

EXAMPLE 3 (EDI detail continued)

EDI FORMAT	INTERPRETATION
ST*856*3044	ANSI Transaction Set 856 Transaction Set Control No. = 3044
BSN*00*172612*900905*1102	Status = 00 (Original) SID No. = 172612 Date Created = 09/05/90 Time Created = 11:02 am
DTM*011*900905*1100	Ship Date = 09/05/90 Ship Time = 11:00 am
HL*1**S	Hierarchical ID Number = 1 Hierarchical Level = Shipment
MEA*PD*G*630*LB	Gross Weight = 630 pounds
TD1*BAL90*1	Shipping Container = 1 BAL90
TD5*B*02*RDWY*M	Carrier = Roadway Mode = Motor Carrier

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS
ADDENDUM

856 - Ship Notice / Manifest

TD3*TL*4222	Trailer Number = 4222
REF*BM*172612	Bill of Lading = 172612
REF*PK*172612	Packing List No. = 172612
N1*Sf**92*12345	Ship-From (Supplier) ID = 12345
N1*ST**92*01	Ship-To (F/A Plant) ID = 01
HL*2*1*I	Hierarchical ID Number = 2 Hierarchical Parent ID Number = 1 (Ship) Hierarchical Level = Item
LIN**BP*3621870	Buyer's Part Number = 3621870
SN1**630*LB	Units Shipped = 630 pounds
PRF*9223	Purchase Order Number = 9223
CLD*1*630*BAL90	Load Detail = 1 BAL90 @ 630 pounds
REF*LS*S26529	Container Label Serial No. = S26529
REF*LT*W038387	Container Lot Number W038387
REF*CJ*24	The BAL90 contains 24 cones
CTT*2*630	Number of HL Segments = 2 Accum Quantity in SN1 Segments = 630
SE*23*3044	Total Number of Segments = 23 Transaction Set Control Number = 3044