

Amtex Inc.
IMPLEMENTATION GUIDELINES FOR EDI CONVENTIONS

Application Advice Transaction Set (824)

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Summary of Data to be Included in Amtex Application Advice

Data Description	EDI Element
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Transaction Set Purpose	BGN01 (BGN01 = 00, original)
Reference Number	BGN02
Generation Date	BGN03
Generation Time	BGN04
ASN Ship-to Code	N104 (N101 = ST) (N103 = 92)
ASN Ship-from Code	N104 (N101 = SF) (N103 = 92)
-----	-----
Application Acknowledgement Code	OTI01
ASN Number	OTI03 (OTI02 = SI) (OTI10 = 856)
Packing Slip Number	REF02 (REF01 = PK)
Part Number	REF02 (REF01 = PM)
Amtex Process Date	DTM02 (DTM01 = 009)
Time	DTM03 (DTM01 = 009)
ASN Ship Date	DTM02 (DTM01 = 011)
Time	DTM03 (DTM01 = 011)
Amtex Cumulative Qty	QTY02 (QTY01 = 02)
Amtex Free Form Data Description	TED02 (TED01 = ZZZ)
Data in Error	TED07
Amtex Free Form Error Message	NTE02
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TABLE 1
DATA SEGMENT SEQUENCE FOR THE HEADING AREA

SEG ID	TITLE	PAGE	USAGE ANSI	MAX USE	LOOP REPEAT	ID
ST	Transaction Set Header	824.6	M	M	1	
BGN	Beginning Segment - (Application Advice)	824.7	M	M	1	
N1	Name	824.8	O	M	1	-----+
N2	Additional Name Information		O	N	2	
N3	Address Information		O	N	2	
N4	Geographic Location		O	N	1	N1/2
REF	Reference Number		O	N	12	
PER	Administrative Communications Contact		O	N	3	
						-----+

Note:

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Abbreviations in the columns headed "USAGE - ANSI" have the following definitions:

- "M" - Mandatory. This segment must appear.
- "N" - Not Used. Amtex does not use this segment. However, Amtex reserves the right to implement usage of these segments in the future.
- "O" - Optional. These segments may be used by Amtex. Certain segments identified as optional by Amtex in certain instances but not all instances. This information will be explained in the affected segments' documentation.
- "F" - Flexible. These segments may be used by Amtex and can appear anywhere as explained in the affected segments' documentation.

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TABLE 2
DATA SEGMENT SEQUENCE FOR THE DETAIL AREA

SEG ID	TITLE	PAGE	USAGE ANSI	MAX USE	LOOP REPEAT	ID NOTE	CODE
OTI	Original Transaction ID	824.9	M	M	1	-----+	
REF	Reference Numbers	824.11	O	O	12		
DTM	Date/Time Reference	824.12	O	O	2		
PER	Administrative Communications Contact		O	N	3	OTI/ 10,000	
AMT	Monetary Amount		O	N	10		
QTY	Quantity	824.13	O	O	10		
TED	Technical Error Description	824.14	O	O	1	-----+	
						TED/	
						10,000	
NTE	Note/Special Instruction	824.16 O	O	100	-----+	-----+	

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TABLE 3
DATA SEGMENT SEQUENCE FOR THE TRAILER/SUMMARY AREA

SEG ID	TITLE	PAGE	USAGE ANSI F/ADIV	MAX LOOP USE	ID REPEAT
SE	Transactions Set Trailer	824.17	M	M	1

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TRANSACTION SET: 824 - Application Advice

SEGMENT: ST - Transaction Set Header

LEVEL: Heading

MAX USAGE/LOOPS: 1/none

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

GENERAL
INFORMATION: The transaction set control number (ST02) in this header must match the transaction set control number (SE02) in the transaction set trailer (SE).

EXAMPLES: ST*824*0001 N/L

ELEM ID	ELEM#	NAME	ANSI	FEATURES	COMMENTS
ST01	143	Transaction Set ID		M ID 03/03	Use "824"
ST02	329	Trans. Set Control Number		M AN 04/09	A unique Number assigned to each transaction set within a functional group. This number must match the value in SE02.

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TRANSACTION SET: 824 - Application Advice

SEGMENT: BGN - Beginning Segment Application Advice

LEVEL: Heading

MAX USAGE/LOOPS: 1/none

PURPOSE: To indicate the beginning of an application advice.

GENERAL
INFORMATION: This segment is intended to provide information for the entire transaction. The reference number will be a uniquely generated identification number by the receiver of the original document.

EXAMPLES: BGN*00*053145101*940222*1451 N/L

ELEM ID	ELEM#	NAME	ANSI FEATURES	COMMENTS
BGN01	353	Transaction Set Purpose	M ID 02/02	"00"-original
BGN02	127	Reference Number	M AN 01/30 M AN 01/09	Amtex reference number for this application advice.
BGN03	373	Date	M DT 06/06	Date this transaction set generated in YYMMDD format.
BGN04	337	Time	M TM 04/04	Time this transaction set generated in HHMM format.
BGN05	623	Time Code	O ID 02/02	Not used.

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TRANSACTION SET: 824 - Application Advice

SEGMENT: N1 - Name

LEVEL: Heading

MAX USAGE/LOOPS: 1 per N1 loop/first segment of N1 loop where max usage is 2.

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

GENERAL
INFORMATION: This N1 loop in the heading area will be used to identify the ship-to code, and the ship-from code from the original ASN.

EXAMPLES: N1*Sf**92*12345 N/L (ship-from 12345)
N1*ST**92*01 N/L (ship-to 01)

ELEM ID	ELEM#	NAME	ANSI FEATURES	COMMENTS
N101	9	Organization Identifier	M ID 02/02	"SF"=ship-from "ST"=ship-to
N102	93	Name	C AN 01/35	Not used.
N103	66	ID Code Qualifier	C ID 01/02 M ID 02/02	"92" = Buyer assigned code.
N104	67	ID Code	C ID 02/17 M AN 02/05	If N101 = "SF", ship-from location. If N101 = "ST", ship-to location.

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TRANSACTION SET: 824 - Application Advice

SEGMENT: OTI - Original Transaction Identification

LEVEL: Detail

MAX USAGE/LOOPS: 1 per OTI loop/first segment in OTI loop whose max usage is 10,000.

PURPOSE: To identify the edited transaction set, the level at which the results of the edit are reported, and to indicate the accepted, rejected or accepted with change edit result.

GENERAL INFORMATION: One OTI loop is generated for each ASN line item, whether accepted or rejected by Amtex. Amtex uses multiple TED loops to convey multiple error messages for a line item.

If OTI01 = "IA", line item was accepted without errors.

If OTI01 = "IE", line item had one or more non-fatal errors (warnings) but no fatal errors. It was accepted as submitted and should not be resent.

If OTI01 = "IR", line item had one or more fatal errors and was rejected. It must be corrected and resent.

EXAMPLES: OTI*IR*SI*123456*****856 N/L
OTI*IA*SI*987654*****856 N/L

ELEM ID	ELEM#	NAME	ANSI	FEATURES	COMMENTS
OTI01	110	Application Acknowledgement Code		M ID 01/02	"IA"-accepted; "IE"-accepted with errors-do not resend; "IR"-rejected-correct and resend.
OTI02	128	Reference Number Qualifier		M ID 02/02	"SI"-ASN number.

TRANSACTION SET: 824 - Application Advice

SEGMENT: OTI - Original Transaction Identification (continued)

ELEM ID	ELEM#	NAME	ANSI	FEATURES	COMMENTS
OTI03	127	Reference Number		M AN 01/30	ASN number from original ASN (BSN02).

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OTI04	142	Application Sender's Code	O AN 02/15	Not used.
OTI05	124	Application Receiver's Code	O AN 02/15	Not used.
OTI06	373	Date	O DT 06/06	Not used.
OTI07	337	Time	O TM 04/04	Not used.
OTI08	28	Group Control Number	O N0 01/09	Not used.
OTI09	329	Transaction Set Control Number	O AN 04/09	Not used.
OTI10	143	Transaction Set Identifier Code	O ID 03/03	"856"-ASN transaction set.
OTI11	480	Version/Release/Industry Identifier Code	O AN 01/12	Not used.

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TRANSACTION SET: 824 - Application Advice

SEGMENT: REF - Reference Numbers

LEVEL: Detail

MAX USAGE/LOOPS: 12/OTI

PURPOSE: To specify identifying numbers.

GENERAL
INFORMATION: Used within the OTI loop for line items that contain "IE" or "IR" acknowledgement codes. Will contain packing list and part number information referencing the line item in error.

This segment will not appear for OTI segments with the "IA" acknowledgement code.

EXAMPLES: REF*PK*123456 N/L
REF*PM*XXXXXXXXXA N/L

ELEM ID	ELEM#	NAME	ANSI	FEATURES	COMMENTS
REF01	128	Reference Number Qualifier		M ID 02/02	"PK"-packing slip number of original ASN. "PM"-part number on original ASN.
REF02	127	Reference Number		C AN 01/30 M AN 01/30	Value referred to in REF01.
REF03	352	Description		C AN 01/80	Not used.

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TRANSACTION SET: 824 - Application Advice

SEGMENT: DTM Date/Time Reference

LEVEL: Detail

MAX USAGE/LOOPS: 2/OTI

PURPOSE: To specify pertinent dates and times.

GENERAL
INFORMATION: Amtex will use the DTM nt to specify Amtex system process date/time, and ship date/time from the original ASN.

EXAMPLES: DTM*009*940222*1130 N/L
DTM*011*940222*1136 N/L

			ANSI		
ELEM ID	ELEM#	NAME		FEATURES	COMMENTS
DTM01	374	Date/Time Qualifier		M ID 03/03	"009"-shipped date/time from original ASN. "011"- Amtex process date/time.
DTM02	373	Date		C DT 06/06 M DT 06/06	Date (YYMMDD) as qualified in DTM01.
DTM03	337	Time		C TM 04/04	Time (HHMM) as qualified in DTM01.
DTM04	623	Time Code		O ID 02/02	Not used.
DTM05	624	Century		O N0 02/02	Not used.

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Application Advice Transaction Set (824)

TRANSACTION SET: 824 - Application Advice

SEGMENT: QTY - Quantity

LEVEL: Detail

MAX USAGE/LOOPS: 10/OTI

PURPOSE: To specify quantity information.

GENERAL
INFORMATION: The QTY segment will only be used by Amtex in response to an ASN when quantity cum discrepancies are returned. QTY02 element will contain the current Amtex system YTD cum shipped total which disagrees with the YTD cum for the part number in question on the original ASN.

EXAMPLES: QTY*02*12645 N/L

ELEM ID	ELEM#	NAME	ANSI	FEATURES	COMMENTS
QTY01	673	Quantity Qualifier quantity.		M ID 02/02	"02"-cumulative
QTY02	380	Quantity		M R 01/15	Amtex's cum YTD shipped quantity.
QTY03	355	Unit of Measurement Code		O ID 02/02	Not used.

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Application Advice Transaction Set (824)

TRANSACTION SET: 824 - Application Advice

SEGMENT: TED - Technical Error Description

LEVEL: Detail

MAX USAGE/LOOPS: 1/TED/10,000/OTI

PURPOSE: To identify the error.

GENERAL INFORMATION: This segment is only generated by Amtex in the Detail area when the ASN (856) is accepted with errors or rejected (OTI01 = IE", or "IR"). In the the event of multiple error conditions per line item a separate TED loop will be generated for each error condition. Element TED01 will contain "ZZZ" indicating the use of a Amtex proprietary error code as the first three positions of TED02 followed by a generic description of the error. Element TED07 will contain a copy of the data in error.

EXAMPLES: TED*ZZZ*032CARRIER-CODE*****MASL N/L
TED*ZZZ*001ASN REJECTED*****123456 N/L

			ANSI		
ELEM ID	ELEM#	NAME		FEATURES	COMMENTS
TED01	647	Application Error		M ID 01/03	"ZZZ"- Use of Condition Code Amtex proprietary error code as 1 st 3 positions of TED02
TED02	3	Free Form Message		O AN 01/60	Free form message describing the data in error using the Following format: ZZZ/XX where:ZZZ=error code XX=description

TRANSACTION SET: 824 - Application Advice

SEGMENT: TED - Technical Error Description

			ANSI		
ELEM ID	ELEM#	NAME		FEATURES	COMMENTS
TED03	721	Segment ID Code		O ID 02/03	Not used.

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TED04	719	Segment Position In Transaction Set	O N0 01/06	Not used.
TED05	722	Element Position In Segment	O N0 01/02	Not used.
TED06	725	Data Element Reference Number	O N0 01/04	Not used.
TED07	724	Copy of Bad Data Element	O AN 01/99	Copy of data element in error.
TED08	961	Data Element New Content	O AN 01/99	Not used.

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TRANSACTION SET: 824 - Application Advice

SEGMENT: NTE - Note/Special Instruction

LEVEL: Detail

MAX USAGE/LOOPS: 100/TED

PURPOSE: To transmit information in a free-format, if necessary, for comment or special instruction.

GENERAL
INFORMATION: The NTE segment contains the test error message generated by Amtex system which corresponds to the error code in the first 3 positions of TED02.

EXAMPLES: NTE**DUPLICATE ASN NUMBER N/L
NTE**REJECTED DUE TO OTHER ERROR(S) N/L
NTE**INVALID CARRIER CODE N/L

ELEM ID	ELEM#	NAME	ANSI	FEATURES	COMMENTS
NTE01	363	Note Reference Code		O ID 03/03	Not used.
NTE02	3	Free Form Message		M AN 01/60	The text error message generated by Amtex ASN processing system.

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TRANSACTION SET: 824 - Application Advice

SEGMENT: SE - Transaction Set Trailer

LEVEL: Summary

MAX USAGE/LOOPS: 1/none

PURPOSE: To indicate the end of the transaction set and provide the count of the transmitted segments (including the "ST" and "SE" segments).

GENERAL INFORMATION: 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 (SE02) in the trailer must match the transaction set control number (ST02) in the transaction set header segment (ST).

EXAMPLES: SE*45*0001 N/L

ELEM ID	ELEM#	NAME	ANSI	FEATURES	COMMENTS
SE01	96	Number of Included Segments		M N0 01/06	
SE02	329	Trans. Set Control Number		M AN 04/09	Same as cooresponding ST02.

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EXAMPLE 1: All ASN Data Accepted Without Error

EDI FORMAT	INTERPRETATION
ST*824*000000001	ANSI Transaction Set 824 Transaction Set Control No. = 000000001
BGN*00*053145101*940222*1451	Transaction Purpose = 00 (Original) Reference No. = 053145101 Generation Date = 02/22/94 Generation Time = 2:51 p.m.
N1*ST**92*01	ASN Ship-To Location = 01
N1*Sf**92*12345	ASN Ship-From Location = 12345
OTI*IA*SI*123456*****856	Application Ack Code = IA (Accepted) Reference Number Qualifier = SI Reference Number = 123456 (ASN#) Transaction Set ID Code = 856 (ASN)
REF*PK*123456	Reference Number Qualifier = PK Reference Number = 123456 (Packing List)
REF*PM*XXXXXXXXXA	Reference Number Qualifier = PM Reference Number = XXXXXXXXXXA (Part No.)
DTM*009*940222*1130	ASN Shipped Date = 02/22/94 ASN Shipped Time = 11:30 a.m.
DTM*011*940222*1136	Amtex ASN Process Date = 02/22/94 Amtex ASN Process Time = 11:36 a.m.
OTI*IA*SI*123456*****856	Application Ack Code = IA (Accepted) Reference Number Qualifier = SI Reference Number = 123456 (ASN#) Transaction Set ID Code = 856 (ASN)
REF*PK*123456	Reference Number Qualifier = PK Reference Number = 123456 (Packing List)
REF*PM*ZZZZZZZZB	Reference Number Qualifier = PM Reference Number = ZZZZZZZZB (Part No.)
DTM*009*940222*1130	ASN Shipped Date = 02/22/94 ASN Shipped Time = 11:30 a.m.
DTM*011*940222*1136	Amtex ASN Process Date = 02/22/94 Amtex ASN Process Time = 11:36 a.m.
SE*15*000000001	Total Number of Segements = 15 Transaction Set Control No. = 000000001

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EXAMPLE 2: One Line Item Accepted W/O Error, and One Accepted With Error

EDI FORMAT	INTERPRETATION
ST*824*000000001	ANSI Transaction Set 824 Transaction Set Control No. = 000000001
BGN*00*053145101*940222*1451	Transaction Purpose = 00 (Original) Reference No. = 053145101 Generation Date = 02/22/94 Generation Time = 2:51 p.m.
N1*ST**92*01	ASN Ship-To Location = 01
N1*Sf**92*12345	ASN Ship-From Location = 12345
OTI*IA*SI*123456*****856	Application Ack Code = IA (Accepted) Reference Number Qualifier = SI Reference Number = 123456 (ASN#) Transaction Set ID Code = 856 (ASN)
REF*PK*123456	Reference Number Qualifier = PK Reference Number = 123456 (Packing List)
REF*PM*XXXXXXXXXA	Reference Number Qualifier = PM Reference Number = XXXXXXXXXXA (Part No.)
DTM*009*940222*1130	ASN Shipped Date = 02/22/94 ASN Shipped Time = 11:30 a.m.
DTM*011*940222*1136	Amtex ASN Process Date = 02/22/94 Amtex ASN Process Time = 11:36 a.m.
OTI*IE*SI*123456*****856	Application Ack Code = IE (Accepted with Error) Reference Number Qualifier = SI Reference Number = 123456 (ASN#) Transaction Set ID Code = 856 (ASN)
REF*PK*123456	Reference Number Qualifier = PK Reference Number = 123456 (Packing List)
REF*PM*ZZZZZZZZB	Reference Number Qualifier = PM Reference Number = ZZZZZZZZB (Part No.)
DTM*009*940222*1130	ASN Shipped Date = 02/22/94 ASN Shipped Time = 11:30 a.m.
DTM*011*940222*1136	Amtex ASN Process Date = 02/22/94 Amtex ASN Process Time = 11:36 a.m.
QTY*02*37810	Amtex Y-T-D Quantity Shipped = 37810
TED*ZZZ*010ASN-SUPLR Y-T-D QTY*****37765	Amtex Proprietary Error Code = 010 Amtex ASN Error Data Desc = "ASN-SUPLR Y-T-D QTY"

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Bad Data = 37765

NTE**

Amtex Y-T-D QUANTITY DISAGREES 00037810
Amtex Error Message

SE*18*000000001

Total Number of Segements = 18
Transaction Set Control No. = 000000001

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EXAMPLE 3: ASN Rejected

EDI FORMAT	INTERPRETATION
-----	-----
ST*824*000000001	ANSI Transaction Set 824 Transaction Set Control No. = 000000001
BGN*00*053145101*940222*1451	Transaction Purpose = 00 (Original) Reference No. = 053145101 Generation Date = 02/22/94 Generation Time = 2:51 p.m.
N1*ST**92*01	ASN Ship-To Location = 01
N1*SF**92*12345	ASN Ship-From Location = 12345
OTI*IR*SI*123456*****856	Application Ack Code = IA (Rejected) Reference Number Qualifier = SI Reference Number = 123456 (ASN#) Transaction Set ID Code = 856 (ASN)
REF*PK*123456	Reference Number Qualifier = PK Reference Number = 123456 (Packing List)
REF*PM*XXXXXXXXXA	Reference Number Qualifier = PM Reference Number = XXXXXXXXXXA (Part No.)
DTM*009*940222*1130	ASN Shipped Date = 02/22/94 ASN Shipped Time = 11:30 a.m.
DTM*011*940222*1136	Amtex ASN Process Date = 02/22/94 Amtex ASN Process Time = 11:36 a.m.
TED*ZZZ*001ASN REJECTED*****123456	Amtex Proprietary Error Code = 001 Amtex ASN Error Data Desc = "ASN REJECTED" Bad Data = 123456 (ASN#)
NTE**REJECTED DUE TO OTHER ERROR(S)	Amtex Error Message
OTI*IR*SI*123456*****856	Application Ack Code = IR (Rejected) Reference Number Qualifier = SI Reference Number = 123456 (ASN#) Transaction Set ID Code = 856 (ASN)
REF*PK*123456	Reference Number Qualifier = PK Reference Number = 123456 (Packing List)
REF*PM*ZZZZZZZZB	Reference Number Qualifier = PM Reference Number = ZZZZZZZZB (Part No.)
DTM*009*940222*1130	ASN Shipped Date = 02/22/94 ASN Shipped Time = 11:30 a.m.
DTM*011*940222*1136	Amtex ASN Process Date = 02/22/94 Amtex ASN Process Time = 11:36 a.m.

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TED*ZZZ*005PART-NUMBER*****ZZZZZZZZZB

Amtex Proprietary Error Code = 005
Amtex ASN Error Data Desc = "PART-NUMBER"
Bad Data = ZZZZZZZZB

NTE**INVALID PART-NUMBER

Amtex Error Message

SE*19*000000001

Total Number of Segements = 19
Transaction Set Control No. = 000000001