824 Application Advice

Introduction:

This X12 Transaction Set contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

Heading:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Mandator	0100	ST	Transaction Set Header	M	1		
Mandator	0200	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
Not Used	0300	N1	Party Identification	O	1		
Not Used	0400	N2	Additional Name Information	O	2		
Not Used	0500	N3	Party Location	O	2		
Not Used	0600	N4	Geographic Location	O	1		
Not Used	0700	REF	Reference Information	O	12		
Not Used	0800	PER	Administrative Communications Contact	O	3		

Detail:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - OTI			>1	
Mandator	0100	OTI	Original Transaction Identification	M	1		n1
Not Used	0200	REF	Reference Information	O	12		n2
Not Used	0300	DTM	Date/Time Reference	O	2		n3
Not Used	0400	PER	Administrative Communications Contact	O	3		n4
Not Used	0500	AMT	Monetary Amount Information	O	>1		n5
Not Used	0600	QTY	Quantity Information	O	>1		n6
Not Used	0650	NM1	Individual or Organizational Name	O	9		n7
			LOOP ID - TED			>1	
Used	0700	TED	Technical Error Description	O	1		
Not Used	0750	CTX	Context	O	10		
Not Used	0800	NTE	Note/Special Instruction	O	100		
Not Used	0820	RED	Related Data	O	100		n8
			LOOP ID - LM			>1	
Not Used	0850	LM	Code Source Information	O	1		n9
			LOOP ID - LQ			100	
Not Used	0860	LQ	Industry Code Identification	M	1		
Not Used	0870	RED	Related Data	O	100		n10
Mandator	0900	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.
2. The REF segment allows for the provision of secondary reference identification or numbers required to uniquely identify the original transaction set. The primary reference identification or number should be provided in elements OTI02-03.
3. The DTM segment allows for the provision of date, time, or date and time information required to uniquely identify the original transaction set.
4. The PER segment should be utilized if administrative communications contact information is important to the unique identification of the original transaction set.
5. The AMT segment should be utilized if monetary amount information is important to the unique identification of the original transaction set.
6. The QTY segment should be utilized if quantity information is important to the unique identification of the original transaction set.
7. The NM1 segment allows for the provision of entity identification information required to uniquely identify the original transaction set.
8. The RED segment may be used to provide data related to the error condition specified in the associated TED01 element.
9. The LM loop is used to identify industry-based or proprietary application error conditions.
10. The RED segment may be used to provide data related to the error condition specified in the associated LQ02 element.

	Segment:	**ST** Transaction Set Header
	Position:	0100
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Comments:	

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name		Attributes	
Mandator	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**1**	**ID 3/3**
			Code uniquely identifying a Transaction Set			
Mandator	**ST02**	**329**	**Transaction Set Control Number**	**M**	**1**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
Not Used	**ST03**	**1705**	**Implementation Convention Reference**	**O**	**1**	**AN 1/35**
			Reference assigned to identify Implementation Convention			

Segment:			**BGN** Beginning Segment				
Position:			0200				
Loop:							
Level:			Heading				
Usage:			Mandatory				
Max Use:			1				
Purpose:			To indicate the beginning of a transaction set				
Comments:							

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Mandator	**BGN01**	**353**	**Transaction Set Purpose Code**	**M**	**1**	**ID 2/2**

Code identifying purpose of transaction set

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User Attribute	Ref. Des.	Data Element	Name	Attributes		
Mandator	**BGN02**	**127**	**Reference Identification**	**M**	**1**	**AN 1/50**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Transaction Set Control Number

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Mandator	**BGN03**	**373**	**Date**	**M**	**1**	**DT 8/8**

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

BGN03 is the date the transaction set was generated in the sender's application system.

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Not Used	**BGN04**	**337**	**Time**	**X**	**1**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Not Used	**BGN05**	**623**	**Time Code**	**O**	**1**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Not Used	**BGN06**	**127**	**Reference Identification**	**O**	**1**	**AN 1/50**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Not Used	**BGN07**	**640**	**Transaction Type Code**	**O**	**1**	**ID 2/2**

Code specifying the type of transaction

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Not Used	**BGN08**	**306**	**Action Code**	**O**	**1**	**ID 1/2**

Code indicating type of action

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Not Used	**BGN09**	**786**	**Security Level Code**	**O**	**1**	**ID 2/2**

Code indicating the level of confidentiality assigned by the sender to the information following

Segment:			**OTI** Original Transaction Identification				
Position:			0100				
Loop:			OTI Mandatory				
Level:			Detail				
Usage:			Mandatory				
Max Use:			1				
Purpose:			To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result				

Comments:

1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.

2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.

3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Mandator	**OTI01**	**110**	**Application Acknowledgment Code**	**M**	**1**	**ID 1/2**
			Code indicating the application system edit results of the business data			
			IR **Item Reject**			
			TA **Transaction Set Accept**			
			TR **Transaction Set Reject**			
Mandator	**OTI02**	**128**	**Reference Identification Qualifier**	**M**	**1**	**ID 2/3**
			Code qualifying the Reference Identification			
			CT **Contract Number**			
			TN **Transaction Reference Number**			
			VP **Vendor Product Number**			
			ZZ **Mutually Defined**			
Mandator	**OTI03**	**127**	**Reference Identification**	**M**	**1**	**AN 1/50**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			Case UPC CHAR(12)			
			GTIN CHAR(14)			
Not Used	OTI04	142	**Application Sender's Code**	O	1	AN 2/15
			Code identifying party sending transmission; codes agreed to by trading partners			
Not Used	OTI05	124	**Application Receiver's Code**	O	1	AN 2/15
			Code identifying party receiving transmission; codes agreed to by trading partners			
Not Used	OTI06	373	**Date**	O	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
Not Used	OTI07	337	**Time**	O	1	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
Not Used	OTI08	28	**Group Control Number**	X	1	N0 1/9
			Assigned number originated and maintained by the sender			
Not Used	OTI09	329	**Transaction Set Control Number**	O	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
Used	OTI10	143	**Transaction Set Identifier Code**	O	1	ID 3/3

Code uniquely identifying a Transaction Set

879   **Price** Information

| Not Used | OTI11 | 480 | **Version / Release / Industry Identifier Code** | O | 1 | AN 1/12 |

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

| Not Used | OTI12 | 353 | **Transaction Set Purpose Code** | O | 1 | ID 2/2 |

Code identifying purpose of transaction set

| Not Used | OTI13 | 640 | **Transaction Type Code** | O | 1 | ID 2/2 |

Code specifying the type of transaction

| Not Used | OTI14 | 346 | **Application Type** | O | 1 | ID 2/2 |

Code identifying an application

| Not Used | OTI15 | 306 | **Action Code** | O | 1 | ID 1/2 |

Code indicating type of action

| Not Used | OTI16 | 305 | **Transaction Handling Code** | O | 1 | ID 1/2 |

Code designating the action to be taken by all parties

| Not Used | OTI17 | 641 | **Status Reason Code** | O | 1 | ID 3/3 |

Code indicating the status reason

Segment:			**TED** Technical Error Description				
Position:			0700				
Loop:			TED	Optional			
Level:			Detail				
Usage:			Optional				
Max Use:			1				
Purpose:			To identify the error and, if feasible, the erroneous segment, or data element, or both				
Comments:			**1**	If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).			

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes		
Mandator	TED01	647	**Application Error Condition Code**	M	1	ID 1/3

Code indicating application error condition

ZZZ   **Mutually Defined**

Used	TED02	3	**Free-form Message**	O	1	AN 1/60

Free-form text message. See Appendix A for error listing.

This data element should only be used when information cannot be expressed in machine readable/processable form and is important in the processing of a transaction.

Not Used	TED03	721	**Segment ID Code**	O	1	ID 2/3

Code defining the segment ID of the data segment in error (See Appendix A - Number 77)

Not Used	TED04	719	**Segment Position in Transaction Set**	O	1	N0 1/10

The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1

Not Used	TED05	C030	**Position in Segment**	O	1	

Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID; additionally indicating the relative position of a repeating structure in error, count beginning with 1 for the position immediately following the preceding element separator; additionally indicating the relative position of a component of a composite data structure in error, count beginning with 1 for the position following the preceding element or repetition separator

Not Used	C03001	722	**Element Position in Segment**	M		N0 1/2

This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID

Not Used	C03002	1528	**Component Data Element Position in Composite**	O		N0 1/2

To identify the component data element position within the composite that is in error

Not Used	C03003	1686	**Repeating Data Element Position**	O		N0 1/4

To identify the specific repetition of a data element that is in error

Not Used	TED06	C999	**Reference in Segment**	O	1	

To hold the reference number of a data element and optionally a component data element within a composite

Not Used	C99901	725	**Data Element Reference Number**	M		N0 1/4

Reference number used to locate the data element in the Data Element Dictionary

Not Used	C99902	725	**Data Element Reference Number**	O		N0 1/4

Reference number used to locate the data element in the Data Element Dictionary

Not Used	TED07	724	**Copy of Bad Data Element**	O	1	AN 1/99

This is a copy of the data element in error

Not Used   **TED08**   **961**   **Data Element New Content**   **O**   **1   AN 1/99**
New data which has replaced erroneous data

			Segment:	**SE** Transaction Set Trailer

Segment: **SE** Transaction Set Trailer
Position: 0900
Loop:
Level: Detail
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)
Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name		Attributes		
Mandator	**SE01**	**96**	**Number of Included Segments**	**M**	**1**	**N0 1/10**	
			Total number of segments included in a transaction set including ST and SE segments				
Mandator	**SE02**	**329**	**Transaction Set Control Number**	**M**	**1**	**AN 4/9**	
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
			<u>The transaction set control number (SE02) is the same as that used in the corresponding head</u>				