

824 Application Advice

Functional Group ID= **AG**

Introduction:

This Draft Standard for Trial Use 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 acknowledgement sent in response to a purchase order).

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
	030	N1	Name	O	1		
Not Used	040	N2	Additional Name Information	O	2		
Not Used	050	N3	Address Information	O	2		
Not Used	060	N4	Geographic Location	O	1		
Not Used	070	REF	Reference Numbers	O	12		
	080	PER	Administrative Communications Contact	O	3		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - OTI			>1	
Must Use	010	OTI	Original Transaction Identification	M	1		
Not Used	020	REF	Reference Numbers	O	12		c1
	030	DTM	Date/Time Reference	O	2		
Not Used	040	PER	Administrative Communications Contact	O	3		
Not Used	050	AMT	Monetary Amount	O	10		
Not Used	060	QTY	Quantity	O	10		
Not Used	065	N1	Name	O	1		
			LOOP ID - TED			>1	
	070	TED	Technical Error Description	O	1		
Not Used	080	NTE	Note/Special Instruction	O	100		
			LOOP ID - LM			>1	
	085	LM	Code Source Information	O	1		n1

Must Use	086	LQ	Industry Code	M	100	
Must Use	090	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. Use of the LM loop is limited to the identification of industry unique application error conditions.

Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

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: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		824 X12.44 Application Advice	
Must Use ST02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
 2 BGN03 is the transaction set date.
 3 BGN04 is the transaction set time.
 4 BGN05 is the transaction set time qualifier.
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use BGN01	353	Transaction Set Purpose Code	M ID 2/2
		Code identifying purpose of transaction set	
		00 Original	
Must Use BGN02	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.	
Must Use BGN03	373	Date	M DT 6/6
		Date (YYMMDD)	
Must Use BGN04	337	Time	X 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)	
BGN05	623	Time Code	O 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	
		CT Central Time	
		ET Eastern Time	
		GM Greenwich Mean Time	
		MT Mountain Time	
		PT Pacific Time	

Not Used	BGN06	127	Reference Number	O AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	BGN07	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	BGN08	306	Action Code	O ID 1/2
			Code indicating type of action	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment:	N1 Name
Position:	030
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1 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. 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
Must Use	N101	98	Entity Identifier Code	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			FR Message From		
			TO Message To		
Not Used	N102	93	Name	X	AN 1/35
			Free-form name		
	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			1 D-U-N-S Number, Dun & Bradstreet		
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			10 Department of Defense Activity Address Code (DODAAC)		
			33 Commercial and Government Entity (CAGE)		
			93 Code assigned by the organization originating the transaction set		
			FA Facility Identification		
			FI Federal Taxpayer's Identification Number		
	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
Not Used	N106	98	Entity Identifier Code	O	ID 2/2

Code identifying an organizational entity, a physical location, or an individual

Segment: **PER Administrative Communications Contact**
Position: 080
Loop: N1
Level: Heading
Usage: Optional
Max Use: 3
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:

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use PER01	366	Contact Function Code		M ID 2/2
		Code identifying the major duty or responsibility of the person or group named		
		AL	Alternate Contact	
			Person to be contacted when the main contact is not available	
		EA	EDI Coordinator	
PER02	93	Name		O AN 1/35
		Free-form name		
PER03	365	Communication Number Qualifier		X ID 2/2
		Code identifying the type of communication number		
		EM	Electronic Mail	
		FX	Facsimile	
		TE	Telephone	
PER04	364	Communication Number		X AN 1/80
		Complete communications number including country or area code when applicable		
PER05	365	Communication Number Qualifier		X ID 2/2
		Code identifying the type of communication number		
		EM	Electronic Mail	
		EX	Telephone Extension	
		FX	Facsimile	
		TE	Telephone	
PER06	364	Communication Number		X AN 1/80
		Complete communications number including country or area code when		

		applicable		
PER07	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		EM Electronic Mail		
		EX Telephone Extension		
		FX Facsimile		
		TE Telephone		
PER08	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
Not Used PER09	443	Contact Inquiry Reference	O	AN 1/20
		Additional reference number or description to clarify a contact number		

Segment:	OTI Original Transaction Identification
Position:	010
Loop:	OTI
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
Syntax Notes:	1 If OTI09 is present, then OTI08 is required.
Semantic Notes:	1 OTI06 is the group date. 2 OTI07 is the group time. 3 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
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

Ref.	Data			
Des.	Element	Name		Attributes
Must Use	OTI01	110	Application Acknowledgment Code	M ID 1/2
			Code indicating the application system edit results of the business data	
			TA Transaction Set Accept	
			TC Transaction Set Accept with Data Content Change	
			TE Transaction Set Accept with Error	
			TR Transaction Set Reject	
Must Use	OTI02	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			TN Transaction Reference Number	
Must Use	OTI03	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.	
Not Used	OTI04	142	Application Sender's Code	O AN 2/15
			Code identifying party sending transmission; codes agreed to by trading partners	
Not Used	OTI05	124	Application Receiver's Code	O AN 2/15
			Code identifying party receiving transmission. Codes agreed to by trading partners	
Not Used	OTI06	373	Date	O DT 6/6

			Date (YYMMDD)	
Not Used	OTI07	337	Time	O 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)	
	OTI08	28	Group Control Number	X N0 1/9
			Assigned number originated and maintained by the sender	
	OTI09	329	Transaction Set Control Number	O AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
	OTI10	143	Transaction Set Identifier Code	O ID 3/3
			Code uniquely identifying a Transaction Set	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	OTI11	480	Version / Release / Industry Identifier Code	O 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	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

Segment: **DTM** Date/Time Reference

Position: 030

Loop: OTI

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM06 is required.
 - 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		097	Transaction Creation	
Must Use	DTM02	373	Date	X DT 6/6
			Date (YYMMDD)	
	DTM03	337	Time	X 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	DTM04	623	Time Code	O 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	
	DTM05	624	Century	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM07	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment: **TED** Technical Error Description
Position: 070
Loop: TED
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
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

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use TED01	647	Application Error Condition Code Code indicating application error condition Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 1/3
TED02	3	Free Form Message Free-form text	O AN 1/60
TED03	721	Segment ID Code Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	O ID 2/3
TED04	719	Segment Position in Transaction Set The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1	O N0 1/6
TED05	722	Element Position in Segment 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	O N0 1/2
TED06	725	Data Element Reference Number Reference number used to locate the data element in the Data Element Dictionary	O N0 1/4
TED07	724	Copy of Bad Data Element This is a copy of the data element in error	O AN 1/99
TED08	961	Data Element New Content New data which has replaced erroneous data	O AN 1/99

Segment: **LM** Code Source Information
Position: 085
Loop: LM
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 086
Loop: LM
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
LQ01	1270 Code List Qualifier Code Code identifying a specific industry code list Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 1/3
LQ02	1271 Industry Code Code indicating a code from a specific industry code list	X AN 1/20

Segment: **SE** Transaction Set Trailer
Position: 090
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).

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data		Attributes
		Element	Name	
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	