

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 acknowledgment sent in response to a purchase order).

Heading:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	1		
020	BGN	Beginning Segment	M	1		
		LOOP ID - N1			>1	
030	N1	Name	M	1		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - OTI			>1	
010	OTI	Original Transaction Identification	M	1		n1
		LOOP ID - TED			>1	
070	TED	Technical Error Description	M	1		
090	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.

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

EXAMPLE: ST+824+0001'

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3

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ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9
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Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Semantic Notes: 1 BGN02 is the transaction set reference number.
 2 BGN03 is the transaction set date.

EXAMPLE: BGN+00+53194+070718'

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
Valid Code:			
	00	Original	
BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Note:			
856 use SID Number (BSN02) – shipment identification			
810 use Invoice Number (BIG02) – Invoice			
BGN03	373	Date Date of transmission CCYYMMDD format	M DT 8/8

Segment: **N1** Name
Position: 030
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Comments: 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.

EXAMPLE: **N1+SF+ABC CORPORATION.+92+12345'**
N1+ST+VOLVO PARTS+92+04173'

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3
Valid Codes:			
		SF Ship From	
		ST Ship To	
N102	93	Name Name	X AN 1/60
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	M ID 1/2
Valid Code:			
		92 Assigned by Buyer or Buyer's Agent	
N104	67	Identification Code Code identifying a party or other code	M AN 2/80
Note:			
If N101 = SF, use ship from sent on ASN or Invoice			
If N101 = ST, use ship to sent on ASN or Invoice			

- Segment:** **OTI** Original Transaction Identification
- Position:** 010
- 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
- Semantic Notes:** 1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
- 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, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

EXAMPLE: OTI+TR+IK+53194++++++810'

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
OTI01	110	Application Acknowledgment Code Code indicating the application system edit results of the business data	M ID 1/2
Valid Code:			
		TR Transaction Set Reject	
OTI02	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Valid Code:			
		IK Invoice Number	
		SI Shipper's Identifying Number for Shipment (SID)	
OTI03	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Note:			
If OTI02 = IK use invoice number			
If OTI02 = SI use shipment identification number			
OTI10	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	O ID 3/3
Valid Codes:			
		810 Invoice	
		856 Ship Notice/Manifest	

Segment: **TED** **Technical Error Description**
Position: 070
Loop: TED Optional
Level: Detail
Usage: Mandatory
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.).

EXAMPLE: TED+012+DUPLICATE INVOICE+BIG++2++12345'

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TED01	647	Application Error Condition Code Code indicating application error condition	M ID 1/3
Valid Codes"			
		007 Missing Data	
		011 Not Matching	
		012 Invalid Combination	
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
		Note: Segment in Error	
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
		Note: Data Element in Error	
TED07	724	Copy of Bad Data Element This is a copy of the data element in error	O AN 1/99
		Note: If TED01 = 011, a copy of the bad data will be sent	

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

EXAMPLE: SE+7+0001'

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
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	

EXAMPLE 1 – Volvo Parts North America

This is an 824 from Volvo Parts on an 810 that was sent. This is informing the supplier the 810 was sent before and accept by Volvo. The invoice number is 53194. If an 824 is received on invoice for bad data then the 810 has to be corrected and resent before this 810 can be paid.

ST+824+0001'
BGN+00+53194+070718'
N1+SF+ABC CORPORATION.+92+12345'
N1+ST+VOLVO PARTS+92+04173'
OTI+TR+IK+53194++++++810'
TED+012+DUPLICATE INVOICE+BIG++2++12345'
SE+7+0001'

EXAMPLE 2 – Volvo Trucks North America

This is an 824 from Volvo Trucks on an ASN that was sent. This is informing the supplier the ASN was sent with the wrong purchase order number. This ASN must be corrected and resent. The SID number for this ASN is 1249627.

ST+824+0001'
BGN+00+1249627+070718+1335'
N1+SF++92+12345'
N1+ST++92+27255'
OTI+TR+SI+1249627+++++++856'
TED+011+INVALID PURCHASE ORDER NUMBER+PRF++1++M599074 8083343'
SE+7+0001'