

# 824 Application Advice

## Functional Group=AG

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).

### Notes:

2/010 The OTI loop is intended to provide a unique identification of the transaction set that is the subject of this application acknowledgment.

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BGN	Beginning Segment	M	1			Must use
<b>LOOP ID - N1</b>					<b>≥1</b>		
030	N1	Name	O	1			Used
040	N2	Additional Name Information	O	2			Used
050	N3	Address Information	O	2			Used
060	N4	Geographic Location	O	1			Used
080	PER	Administrative Communications Contact	O	3			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - OTI</b>					<b>≥1</b>		
010	OTI	Original Transaction Identification	M	1		N2/010	Must use
<b>LOOP ID - TED</b>					<b>≥1</b>		
070	TED	Technical Error Description	O	1			Used
080	NTE	Note/Special Instruction	O	100			Used
090	SE	Transaction Set Trailer	M	1			Must use

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

## Semantics:

- 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).

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	<b>Transaction Set Identifier Code</b> <b>Description:</b> Code uniquely identifying a Transaction Set	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u> 824                      Application Advice				
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Notes:</b> <i>Must be unique within the group.</i>	M	AN	4/9	Must use

# BGN Beginning Segment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

To indicate the beginning of a transaction set

## Syntax:

C0504 -- If BGN05 is present, then BGN04 is required

## Semantics:

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.

## Notes:

*Control number for Application Advice.*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
BGN01	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> Code identifying purpose of transaction set	M	ID	2/2	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00	Original				
<u>Code</u>	<u>Name</u>									
00	Original									
BGN02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Notes:</b> <i>Control number for Application Advice</i>	M	AN	1/30	Must use				
BGN03	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	M	DT	8/8	Must use				

# N1 Name

<b>Pos: 030</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 2</b>

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

## Syntax:

- R0203 -- At least one of N102 or N103 is required.
- P0304 -- If either N103 or N104 are present, then the others are 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.
2. N105 and N106 further define the type of entity in N101.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BY</td> <td>Buying Party (Purchaser)</td> </tr> <tr> <td>SE</td> <td>Selling Party</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BY	Buying Party (Purchaser)	SE	Selling Party				
<u>Code</u>	<u>Name</u>											
BY	Buying Party (Purchaser)											
SE	Selling Party											
N102	93	<b>Name</b> <b>Description:</b> Free-form name	C	AN	1/60	Used						

# N2 Additional Name Information

<b>Pos: 040</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 2</b>

To specify additional names or those longer than 35 characters in length

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	<b>Name</b> <b>Description:</b> Free-form name	M	AN	1/60	Must use
N202	93	<b>Name</b> <b>Description:</b> Free-form name	O	AN	1/60	Used

# N3 Address Information

<b>Pos: 050</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 2</b>

To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b> Description: Address information	M	AN	1/55	Must use
N302	166	<b>Address Information</b> Description: Address information	O	AN	1/55	Used

# N4 Geographic Location

<b>Pos: 060</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

To specify the geographic place of the named party

## Syntax:

1. N406 C0605 -- If N406 is present, then N405 is required

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
N401	19	<b>City Name</b> <b>Description:</b> Free-form text for city name	O	AN	2/30	Used						
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency <b>Notes:</b> <i>See Table III of the Appendix for Canadian provinces and US state codes.</i>	O	ID	2/2	Used						
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <b>Notes:</b> <i>Nine digit zip codes are strongly encouraged.</i>	O	ID	3/15	Used						
N404	26	<b>Country Code</b> <b>Description:</b> Code identifying the country  <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CA</td> <td>Canada</td> </tr> <tr> <td>US</td> <td>United States</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CA	Canada	US	United States	O	ID	2/3	Used
<u>Code</u>	<u>Name</u>											
CA	Canada											
US	United States											

# PER Administrative Communications Contact

Pos: 080	Max: 3
Heading - Optional	
Loop: N1	Elements: 6

To identify a person or office to whom administrative communications should be directed

## Syntax:

1. PER03 P0304 -- If either PER03 or PER04 are present, then the others are required.
2. PER05 P0506 -- If either PER05 or PER06 are present, then the others are required.
3. PER07 P0708 -- If either PER07 or PER08 are present, then the others are required.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named	M	ID	2/2	Must use								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AP</td> <td>Accounts Payable Department</td> </tr> <tr> <td>AR</td> <td>Accounts Receivable Department</td> </tr> <tr> <td>BD</td> <td>Buyer Name or Department</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	AP	Accounts Payable Department	AR	Accounts Receivable Department	BD	Buyer Name or Department				
<u>Code</u>	<u>Name</u>													
AP	Accounts Payable Department													
AR	Accounts Receivable Department													
BD	Buyer Name or Department													
PER02	93	<b>Name</b> <b>Description:</b> Free-form name	O	AN	1/60	Used								
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	C	ID	2/2	Used								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	FX	Facsimile	TE	Telephone						
<u>Code</u>	<u>Name</u>													
FX	Facsimile													
TE	Telephone													
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Used								
PER05	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	C	ID	2/2	Used								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	FX	Facsimile	TE	Telephone						
<u>Code</u>	<u>Name</u>													
FX	Facsimile													
TE	Telephone													
PER06	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/80	Used								



# OTI Original Transaction Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: OTI	Elements: 3

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:

1. OTI09 C0908 -- If OTI09 is present, then OTI08 is required

## Semantics:

1. OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.
2. OTI06 is the group date.
3. OTI07 is the group time.
4. If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.
5. OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.
6. OTI13 is the type of the original transaction set, and is used to assist in its unique identification.
7. OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.
8. OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.
9. OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.
10. OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.

## 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.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
OTI01	110	<b>Application Acknowledgment Code</b> <b>Description:</b> Code indicating the application system edit results of the business data	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u> TR                              Transaction Set Reject				
OTI02	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u> OI                              Original Invoice Number				
OTI03	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30	Must use

# TED Technical Error Description

Pos: 070	Max: 1
Detail - Optional	
Loop: TED	Elements: 1

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.).

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TED01	647	<b>Application Error Condition Code</b>	M	ID	1/3	Must use
		<b>Description:</b> Code indicating application error condition				
		<u>Code</u>		<u>Name</u>		
		H		Missing or Invalid Unit of Measure Code		
		006		Duplicate		
		007		Missing Data		
		009		Invalid Date		
		010		Total Out of Balance		
		011		Not Matching		
		IQT		Invalid Quantity		
		OTH		Other		
		POI		Purchase Order Number Invalid		

# NTE Note/Special Instruction

Pos: 080	Max: 100
Detail - Optional	
Loop: TED	Elements: 1

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

## Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NTE02	352	<b>Description</b>	M	AN	1/80	Must use
		<b>Description:</b> A free-form description to clarify the related data elements and their content				
		<b>Notes:</b> <i>This data element describes the reason for rejection.</i>				

# SE Transaction Set Trailer

Pos: 090	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

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:

- SE is the last segment of each transaction set.

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Notes:</b> <i>Must be identical to the transaction set control number in the ST segment.</i>	M	AN	4/9	Must use