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824 Application Advice

Functional Group=AG

Purpose: 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	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BGN	Beginning Segment	M	1			Must use
LOOP ID - N1					**>1**		
030	N1	Name	O	1			Used
080	PER	Administrative Communications Contact	O	3			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - OTI					**>1**	**N2/010L**	
010	OTI	Original Transaction Identification	M	1		N2/010	Must use
LOOP ID - TED					**>1**		
070	TED	Technical Error Description	O	1			Must use
090	SE	Transaction Set Trailer	M	1			Must use

Notes:

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

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

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code	Name
824	Application Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

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).

BGN   Beginning Segment

<div>

Pos: 020   **Max: 1**
Heading - Mandatory
Loop: N/A   **Elements: 3**
</div>

User Option (Usage): Must use
Purpose: To indicate the beginning of a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN02	127	**Reference Identification**	M	AN	1/30	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN03	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. 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.

Loop Name

Pos: 030   **Repeat: >1**

Optional

Loop: N1   **Elements: N/A**

User Option (Usage): Used

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
030	N1	Name	O	1		Used
080	PER	Administrative Communications Contact	O	3		Used

N1 Name

Pos: 030	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 2**

User Option (Usage): Used

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

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	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

<u>Code</u>	<u>Name</u>
BB	Business Partner

N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - 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.
2. N105 and N106 further define the type of entity in N101.

PER   Administrative Communications Contact

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

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

PER04	364	**Communication Number**	X	AN	1/80	Used

Description: Complete communications number including country or area code when applicable

Syntax Rules:

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

Loop Original Transaction Identification

Pos: 010	Repeat: >1
Mandatory	
Loop: OTI	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	OTI	Original Transaction Identification	M	1		Must use
070		Loop TED	O		>1	Must use

OTI Original Transaction Identification

Pos: 010	**Max: 1**
Detail - Mandatory	
Loop: OTI	**Elements: 10**

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI01	110	**Application Acknowledgment Code**	M	ID	1/2	Must use

Description: Code indicating the application system edit results of the business data

CodeList Summary (Total Codes: 20, Included: 1)

Code	Name
TR	Transaction Set Reject

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI02	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
TN	Transaction Reference Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI03	127	**Reference Identification**	M	AN	1/30	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI04	142	**Application Sender's Code**	O	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI05	124	**Application Receiver's Code**	O	AN	2/15	Must use

Description: Code identifying party receiving transmission. Codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI06	373	**Date**	O	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI07	337	**Time**	O	TM	4/8	Must use

Description: 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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI08	28	**Group Control Number**	X	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI09	329	**Transaction Set Control Number**	O	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OTI10	143	**Transaction Set Identifier Code**	O	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code	Name
810	Invoice

Syntax Rules:

1. 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.

Loop Technical Error Description

User Option (Usage): Must use
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
070	TED	Technical Error Description	O	1		Must use

TED   Technical Error Description

<table>
<tr><td>Pos: 070</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: TED</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Must use

Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TED01	647	**Application Error Condition Code**	M	ID	1/3	Must use

Description: Code indicating application error condition

CodeList Summary (Total Codes: 162, Included: 1)

Code	Name
848	Incorrect Data

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TED02	3	**Free Form Message**	O	AN	1/60	Must use

Description: Free-form text

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TED03	721	**Segment ID Code**	O	ID	2/3	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TED04	719	**Segment Position in Transaction Set**	O	N0	1/6	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TED05	722	**Element Position in Segment**	O	N0	1/2	Must use

Description: 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

Comments:

1. If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

SE   Transaction Set Trailer

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

User Option (Usage): Must use

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)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

| SE02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 | Must use |

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

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