

# 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:

Page No.	Pos. No.	Seg. ID	Name	HIPAA Usage	ODJFS Usage	Max.Use	Loop Repeat	Notes and Comments
3	003	ISA	Interchange Control Header	R	R	1		
5	005	GS	Functional Group Header	R	R	1		
7	010	ST	Transaction Set Header	R	R	1		
8	020	BGN	Beginning Segment	R	R	1		
LOOP ID - N1							>1	
9	030	N1	Name	S	S	1		
	040	N2	Additional Name Information	S	Not Used	2		
	050	N3	Address Information	S	Not Used	2		
	060	N4	Geographic Location	S	Not Used	1		
	070	REF	Reference Identification	S	Not Used	12		
	080	PER	Administrative Communications Contact	S	Not Used	3		

## Detail:

Page No.	Pos. No.	Seg. ID	Name	HIPAA Usage	ODJFS Usage	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - OTI							>1	
10	010	OTI	Original Transaction Identification	R	R	1		n1
	020	REF	Reference Identification	S	Not Used	12		n2
	030	DTM	Date/Time Reference	S	Not Used	2		n3
	040	PER	Administrative Communications Contact	S	Not Used	3		n4
	050	AMT	Monetary Amount	S	Not Used	>1		n5
12	060	QTY	Quantity	S	S	>1		n6
	065	NM1	Individual or Organizational Name	S	Not Used	9		n7
LOOP ID - TED							>1	
13	070	TED	Technical Error Description	S	S	1		
14	080	NTE	Note/Special Instruction	S	S	100		
	082	RED	Related Data	S	Not Used	100		n8
LOOP ID - LM							>1	
	085	LM	Code Source Information	S	Not Used	1		n9
LOOP ID - LQ							100	
	086	LQ	Industry Code	R	Not Used	1		
	087	RED	Related Data	S	Not Used	100		n10

15	090	SE	Transaction Set Trailer	R	R	1
16	093	GS	Functional Group Header	R	R	1
17	096	IEA	Interchange Control Trailer	R	R	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:** **ISA** Interchange Control Header  
**Position:** 003  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ISA01	I01	<b>Authorization Information Qualifier</b> Code to identify the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	M ID 2/2	R
ISA02	I02	<b>Authorization Information</b> Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01) <b>ODJFS User Note:</b> This field should contain all spaces.	M AN 10/10	R
ISA03	I03	<b>Security Information Qualifier</b> Code to identify the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	M ID 2/2	R
ISA04	I04	<b>Security Information</b> This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) <b>ODJFS User Note:</b> This field should contain all spaces.	M AN 10/10	R
ISA05	I05	<b>Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified ZZ Mutually Defined	M ID 2/2	R
ISA06	I06	<b>Interchange Sender ID</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element <b>ODJFS User Note:</b> If you are receiving from Medicaid then: This field should contain the value MMISODJFS assigned to the Sender of this file (Ohio Department of Job and Family Services). Since this is a fixed-length field, it will be filled with spaces to meet the minimum length requirement of 15.	M AN 15/15	R
ISA07	I05	<b>Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified ZZ Mutually Defined	M ID 2/2	R
ISA08	I07	<b>Interchange Receiver ID</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them <b>ODJFS User Note:</b>	M AN 15/15	R

If you are receiving from Medicaid then: This field should contain the 7-digit Medicaid Trading Partner ID assigned to the Receiver of this file. Since this is a fixed-length field, it will be filled with spaces to meet the minimum length requirement of 15.

<b>ISA09</b>	<b>I08</b>	<b>Interchange Date</b> Date of the interchange	<b>M</b>	<b>DT 6/6</b>	<b>R</b>
<b>ISA10</b>	<b>I09</b>	<b>Interchange Time</b> Time of the interchange	<b>M</b>	<b>TM 4/4</b>	<b>R</b>
<b>ISA11</b>	<b>I10</b>	<b>Interchange Control Standards Identifier</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M</b>	<b>ID 1/1</b>	<b>R</b>
<b>ISA12</b>	<b>I11</b>	<b>Interchange Control Version Number</b> This version number covers the interchange control segments 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997	<b>M</b>	<b>ID 5/5</b>	<b>R</b>
<b>ISA13</b>	<b>I12</b>	<b>Interchange Control Number</b> A control number assigned by the interchange sender <b>ODJFS User Note:</b> The Interchange Control Number, ISA13, is identical to the associated Interchange Trailer, IEA02.	<b>M</b>	<b>N0 9/9</b>	<b>R</b>
<b>ISA14</b>	<b>I13</b>	<b>Acknowledgment Requested</b> Code sent by the sender to request an interchange acknowledgment (TA1) 0 No Acknowledgment Requested	<b>M</b>	<b>ID 1/1</b>	<b>R</b>
<b>ISA15</b>	<b>I14</b>	<b>Usage Indicator</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information P Production Data T Test Data	<b>M</b>	<b>ID 1/1</b>	<b>R</b>
<b>ISA16</b>	<b>I15</b>	<b>Component Element Separator</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	<b>M</b>	<b>AN 1/1</b>	<b>R</b>

**Segment:** **GS** Functional Group Header  
**Position:** 005  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a functional group and to provide control information  
**Syntax Notes:**  
**Semantic Notes:**

- 1 GS04 is the group date.
- 2 GS05 is the group time.
- 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

**Comments:**

- 1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
GS01	479	<b>Functional Identifier Code</b> Code identifying a group of application related transaction sets AG Application Advice (824)	M ID 2/2	R
GS02	142	<b>Application Sender's Code</b> Code identifying party sending transmission; codes agreed to by trading partners <b>ODJFS User Note:</b> If you are receiving from Medicaid then: This field should contain the value MMISODJFS assigned to the Sender of this file (Ohio Department of Job and Family Services).	M AN 2/15	R
GS03	124	<b>Application Receiver's Code</b> Code identifying party receiving transmission; codes agreed to by trading partners <b>ODJFS User Note:</b> If you are receiving from Medicaid then: This field should contain the 7-digit Medicaid Trading Partner ID assigned to the receiver of this file.	M AN 2/15	R
GS04	373	<b>Date</b> Date expressed as CCYYMMDD <b>ODJFS User Note:</b> Use this date for the functional group creation date.	M DT 8/8	R
GS05	337	<b>Time</b> 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) <b>ODJFS User Note:</b> Use this time for the creation time. The recommended format is HHMM.	M TM 4/8	R
GS06	28	<b>Group Control Number</b> Assigned number originated and maintained by the sender	M N0 1/9	R
GS07	455	<b>Responsible Agency Code</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 1/2	R
GS08	480	<b>Version / Release / Industry Identifier Code</b> 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	M AN 1/12	R



**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) 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).  
**Comments:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3	R
ST02	329	<b>Transaction Set Control Number</b> 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	R

**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:**

<b>Data Element Summary</b>				
<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
<b>BGN01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 44 Rejection	<b>M ID 2/2</b>	<b>R</b>
<b>BGN02</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>ODJFS User Note:</b> ODJFS USER Reference (translator run number).	<b>M AN 1/30</b>	<b>R</b>
<b>BGN03</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD	<b>M DT 8/8</b>	<b>R</b>
<b>BGN04</b>	<b>337</b>	<b>Time</b> 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)	<b>X TM 4/8</b>	<b>S</b>
<b>BGN05</b>	<b>623</b>	<b>Time Code</b> 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 ET Eastern Time	<b>O ID 2/2</b>	<b>S</b>

**Segment:** **N1** Name  
**Position:** 030  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**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.

**Semantic Notes:**  
**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.

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual 41 Submitter Entity transmitting transaction set	M ID 2/3	R
N102	93	Name Free-form name	X AN 1/60	S

<b>Segment:</b>	<b>OTI</b> Original Transaction Identification
<b>Position:</b>	010
<b>Loop:</b>	OTI Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	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
<b>Syntax Notes:</b>	1 If OTI09 is present, then OTI08 is required.
<b>Semantic Notes:</b>	<ul style="list-style-type: none"> <li>1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.</li> <li>2 OTI06 is the group date.</li> <li>3 OTI07 is the group time.</li> <li>4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.</li> <li>5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.</li> <li>6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.</li> <li>7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.</li> <li>8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.</li> <li>9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.</li> <li>10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.</li> </ul>
<b>Comments:</b>	<ul style="list-style-type: none"> <li>1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.</li> <li>2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.</li> <li>3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.</li> </ul>

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
OTI01	110	<b>Application Acknowledgment Code</b> Code indicating the application system edit results of the business data BP Batch Partial Accept/Reject BR Batch Reject	M ID 1/2	R
OTI02	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification F8 Original Reference Number	M ID 2/3	R
OTI03	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>ODJFS User Note:</b> ISA Control Number from the original 837 Claim	M AN 1/30	R
OTI04	142	<b>Application Sender's Code</b> Code identifying party sending transmission; codes agreed to by trading partners	O AN 2/15	S
OTI05	124	<b>Application Receiver's Code</b> Code identifying party receiving transmission; codes agreed to by trading partners	O AN 2/15	S
OTI06	373	<b>Date</b> Date expressed as CCYYMMDD	O DT 8/8	S

<b>OTI07</b>	<b>337</b>	<b>Time</b>	<b>O</b>	<b>TM 4/8</b>	<b>N/U</b>
<b>OTI08</b>	<b>28</b>	<b>Group Control Number</b>	<b>X</b>	<b>N0 1/9</b>	<b>S</b>
		Assigned number originated and maintained by the sender			
<b>OTI09</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>O</b>	<b>AN 4/9</b>	<b>S</b>
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
<b>OTI10</b>	<b>143</b>	<b>Transaction Set Identifier Code</b>	<b>O</b>	<b>ID 3/3</b>	<b>S</b>
		Code uniquely identifying a Transaction Set			
		Refer to 004010 Data Element Dictionary for acceptable code values.			
<b>OTI11</b>	<b>480</b>	<b>Version / Release / Industry Identifier Code</b>	<b>O</b>	<b>AN 1/12</b>	<b>S</b>
		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 004010 Data Element Dictionary for acceptable code values.			

**Segment:** QTY Quantity  
**Position:** 060  
**Loop:** OTI Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify quantity information  
**Syntax Notes:**

- 1 At least one of QTY02 or QTY04 is required.
- 2 Only one of QTY02 or QTY04 may be present.

**Semantic Notes:**

- 1 QTY04 is used when the quantity is non-numeric.

**Comments:**

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
QTY01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity <b>ODJFS User Note:</b> Used for the Number of Claims Submitted Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	R
QTY02	380	<b>Quantity</b> Numeric value of quantity	X R 1/15	S

**Segment:** **TED** Technical Error Description  
**Position:** 070  
**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  
**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**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
TED01	647	<b>Application Error Condition Code</b> Code indicating application error condition 027 Customer Identification Number Does not Exist IID Invalid Identification Code O Missing or Invalid Issuer Identification	M ID 1/3	R
TED02	3	<b>Free Form Message</b> Free-form text	O AN 1/60	S
TED03	721	<b>Segment ID Code</b> Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	O ID 2/3	S
TED04	719	<b>Segment Position in Transaction Set</b>	O N0 1/6	N/U
TED05	722	<b>Element Position in Segment</b> 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	S
TED06	725	<b>Data Element Reference Number</b>	O N0 1/4	N/U
TED07	724	<b>Copy of Bad Data Element</b> This is a copy of the data element in error	O AN 1/99	S

**Segment:** **NTE** Note/Special Instruction  
**Position:** 080  
**Loop:** TED Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 100  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**  
**Semantic Notes:**  
**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.

#### Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3	S
		Code identifying the functional area or purpose for which the note applies		
		ACI Additional Claim Information		
		LIN Line Item		
NTE02	352	Description	M AN 1/80	R
		A free-form description to clarify the related data elements and their content		

**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

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

**Segment:** **GS** Functional Group Header  
**Position:** 093  
**Loop:**  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a functional group and to provide control information  
**Syntax Notes:**  
**Semantic Notes:**

- 1 GS04 is the group date.
- 2 GS05 is the group time.
- 3 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

**Comments:**

- 1 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
GS01	479	<b>Functional Identifier Code</b> Code identifying a group of application related transaction sets Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2	R
GS02	142	<b>Application Sender's Code</b> Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15	R
GS03	124	<b>Application Receiver's Code</b> Code identifying party receiving transmission; codes agreed to by trading partners	M AN 2/15	R
GS04	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8	R
GS05	337	<b>Time</b> 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)	M TM 4/8	R
GS06	28	<b>Group Control Number</b> Assigned number originated and maintained by the sender	M N0 1/9	R
GS07	455	<b>Responsible Agency Code</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 1/2	R
GS08	480	<b>Version / Release / Industry Identifier Code</b> 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 004010 Data Element Dictionary for acceptable code values.	M AN 1/12	R

**Segment:** **IEA** Interchange Control Trailer  
**Position:** 096  
**Loop:**  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
IEA01	I16	<b>Number of Included Functional Groups</b> A count of the number of functional groups included in an interchange	M N0 1/5	R
IEA02	I12	<b>Interchange Control Number</b> A control number assigned by the interchange sender	M N0 9/9	R