

824 Application Advice

Functional Group ID=AG

Introduction:

This X12 Transaction Set 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:

	<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>
M	0100	ST	Transaction Set Header	M	1		
M	0200	BGN	Beginning Segment	M	1		
						LOOP ID - N1	>1
	0300	N1	Party Identification	O	1		
	0400	N2	Additional Name Information	O	2		
	0500	N3	Party Location	O	2		
	0600	N4	Geographic Location	O	1		
	0700	REF	Reference Information	O	12		
	0800	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
M	0100	OTI	Original Transaction Identification	M	1		n1
	0200	REF	Reference Information	O	12		n2
	0300	DTM	Date/Time Reference	O	2		n3
	0400	PER	Administrative Communications Contact	O	3		n4
	0500	AMT	Monetary Amount Information	O	>1		n5
	0600	QTY	Quantity Information	O	>1		n6
	0650	NM1	Individual or Organizational Name	O	9		n7
						LOOP ID - TED	>1
	0700	TED	Technical Error Description	O	1		
	0750	CTX	Context	O	10		
	0800	NTE	Note/Special Instruction	O	100		
	0820	RED	Related Data	O	100		n8
						LOOP ID - LM	>1
	0850	LM	Code Source Information	O	1		n9
						LOOP ID - LQ	100
	0860	LQ	Industry Code Identification	O	1		

	0870	RED	Related Data	O	100	n10	
M	0900	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.
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: **ST** Transaction Set Header
Position: 0100
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).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	ST01	143 Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 3/3
M	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 1 AN 4/9
	ST03	1705 Implementation Convention Reference Reference assigned to identify Implementation Convention	O 1 AN 1/35

Segment: **BGN** Beginning Segment
Position: 0200
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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
M	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50
M	BGN03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
	BGN04	337	Time 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)	X 1 TM 4/8
	BGN05	623	Time Code 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 Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
	BGN06	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O 1 AN 1/50
	BGN07	640	Transaction Type Code Code specifying the type of transaction Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
	BGN08	306	Action Code Code indicating type of action Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 1/2
	BGN09	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 2/2

Segment: **N1 Party Identification**
Position: 0300
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

M	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>	
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
	N101	98	Entity Identifier Code	M 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 005010 Data Element Dictionary for acceptable code values.	
	N102	93	Name	X 1 AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X 1 ID 1/2
			Code designating the system/method of code structure used for Identification Code (67) Refer to 005010 Data Element Dictionary for acceptable code values.	
	N104	67	Identification Code	X 1 AN 2/80
			Code identifying a party or other code	
	N105	706	Entity Relationship Code	O 1 ID 2/2
			Code describing entity relationship Refer to 005010 Data Element Dictionary for acceptable code values.	
	N106	98	Entity Identifier Code	O 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 005010 Data Element Dictionary for acceptable code values.	

Segment: N2 Additional Name Information
Position: 0400
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N201	93	Name Free-form name	M 1 AN 1/60
	N202	93	Name Free-form name	O 1 AN 1/60

Segment: N3 Party Location
Position: 0500
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M 1 AN 1/55
	N302	166	Address Information Address information	O 1 AN 1/55

Segment: **N4 Geographic Location**
Position: 0600
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 is required.

Semantic Notes:
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.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
N401	19	City Name Free-form text for city name	O 1 AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
N404	26	Country Code Code identifying the country	X 1 ID 2/3
N405	309	Location Qualifier Code identifying type of location Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
N406	310	Location Identifier Code which identifies a specific location	O 1 AN 1/30
N407	1715	Country Subdivision Code Code identifying the country subdivision	X 1 ID 1/3

Segment: **REF** Reference Information
Position: 0700
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
	REF03	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
M	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	M ID 2/3
M	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/50
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50

Segment: **PER** Administrative Communications Contact
Position: 0800
Loop: N1 Optional
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

M	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
	PER02	93	Name Free-form name	O 1 AN 1/60
	PER03	365	Communication Number Qualifier Code identifying the type of communication number Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER05	365	Communication Number Qualifier Code identifying the type of communication number Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	PER06	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER07	365	Communication Number Qualifier Code identifying the type of communication number Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	PER08	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER09	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number	O 1 AN 1/20

Segment:	OTI Original Transaction Identification
Position:	0100
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
Syntax Notes:	1 If OTI09 is present, then OTI08 is required.
Semantic Notes:	<p>1 OTI03 is the primary reference identification or number used to uniquely identify the original transaction set.</p> <p>2 OTI06 is the group date.</p> <p>3 OTI07 is the group time.</p> <p>4 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.</p> <p>5 OTI12 is the purpose of the original transaction set, and is used to assist in its unique identification.</p> <p>6 OTI13 is the type of the original transaction set, and is used to assist in its unique identification.</p> <p>7 OTI14 is the application type of the original transaction set, and is used to assist in its unique identification.</p> <p>8 OTI15 is the type of action indicated or requested by the original transaction set, and is used to assist in its unique identification.</p> <p>9 OTI16 is the action requested by the original transaction set, and is used to assist in its unique identification.</p> <p>10 OTI17 is the status reason of the original transaction set, and is used to assist in its unique identification.</p>
Comments:	<p>1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.</p> <p>2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.</p> <p>3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.</p>

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	OTI01	110 Application Acknowledgment Code Code indicating the application system edit results of the business data Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 1/2
M	OTI02	128 Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/3
M	OTI03	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50
	OTI04	142 Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	O 1 AN 2/15
	OTI05	124 Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners	O 1 AN 2/15
	OTI06	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8

OTI07	337	Time	O	1	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	1	N0 1/9
		Assigned number originated and maintained by the sender			
OTI09	329	Transaction Set Control Number	O	1	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	1	ID 3/3
		Code uniquely identifying a Transaction Set Refer to 005010 Data Element Dictionary for acceptable code values.			
OTI11	480	Version / Release / Industry Identifier Code	O	1	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 005010 Data Element Dictionary for acceptable code values.			
OTI12	353	Transaction Set Purpose Code	O	1	ID 2/2
		Code identifying purpose of transaction set Refer to 005010 Data Element Dictionary for acceptable code values.			
OTI13	640	Transaction Type Code	O	1	ID 2/2
		Code specifying the type of transaction Refer to 005010 Data Element Dictionary for acceptable code values.			
OTI14	346	Application Type	O	1	ID 2/2
		Code identifying an application Refer to 005010 Data Element Dictionary for acceptable code values.			
OTI15	306	Action Code	O	1	ID 1/2
		Code indicating type of action Refer to 005010 Data Element Dictionary for acceptable code values.			
OTI16	305	Transaction Handling Code	O	1	ID 1/2
		Code designating the action to be taken by all parties Refer to 005010 Data Element Dictionary for acceptable code values.			
OTI17	641	Status Reason Code	O	1	ID 3/3
		Code indicating the status reason Refer to 005010 Data Element Dictionary for acceptable code values.			

Segment: **REF** Reference Information
Position: 0200
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
	REF03	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
M	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	M ID 2/3
M	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/50
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 005010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50

Segment: **DTM** Date/Time Reference
Position: 0300
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374 Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 3/3
	DTM02	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
	DTM03	337 Time 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)	X 1 TM 4/8
	DTM04	623 Time Code 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 Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 2/2
	DTM05	1250 Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/3
	DTM06	1251 Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X 1 AN 1/35

Segment: **PER** Administrative Communications Contact
Position: 0400
Loop: OTI Mandatory
Level: Detail
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

M	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
	PER02	93	Name Free-form name	O 1 AN 1/60
	PER03	365	Communication Number Qualifier Code identifying the type of communication number Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER05	365	Communication Number Qualifier Code identifying the type of communication number Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	PER06	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER07	365	Communication Number Qualifier Code identifying the type of communication number Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	PER08	364	Communication Number Complete communications number including country or area code when applicable	X 1 AN 1/256
	PER09	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number	O 1 AN 1/20

Segment: **AMT** Monetary Amount Information
Position: 0500
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 1/3
M	AMT02	782	Monetary Amount Monetary amount	M 1 R 1/18
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 1/1

Segment: QTY Quantity Information
Position: 0600
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>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
	QTY02	380	Quantity Numeric value of quantity	X 1 R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O 1
M	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 005010 Data Element Dictionary for acceptable code values.	M ID 2/2
	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 005010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 005010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 005010 Data Element Dictionary for acceptable code values.	O ID 2/2
	C00111	1018	Exponent	O R 1/15

C00112	649	Power to which a unit is raised Multiplier	O	R 1/10
		Value to be used as a multiplier to obtain a new value		
C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Refer to 005010 Data Element Dictionary for acceptable code values.		
C00114	1018	Exponent	O	R 1/15
		Power to which a unit is raised		
C00115	649	Multiplier	O	R 1/10
		Value to be used as a multiplier to obtain a new value		
QTY04	61	Free-form Information	X	1 AN 1/30
		Free-form information		

Segment: **NM1** Individual or Organizational Name
Position: 0650
Loop: OTI Mandatory
Level: Detail
Usage: Optional
Max Use: 9
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes:

- 1 If either NM108 or NM109 is present, then the other is required.
- 2 If NM111 is present, then NM110 is required.
- 3 If NM112 is present, then NM103 is required.

Semantic Notes:

- 1 NM102 qualifies NM103.

Comments:

- 1 NM110 and NM111 further define the type of entity in NM101.
- 2 NM112 can identify a second surname.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	NM101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/3
M	NM102	1065	Entity Type Qualifier Code qualifying the type of entity Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 1/1
	NM103	1035	Name Last or Organization Name Individual last name or organizational name	X 1 AN 1/60
	NM104	1036	Name First Individual first name	O 1 AN 1/35
	NM105	1037	Name Middle Individual middle name or initial	O 1 AN 1/25
	NM106	1038	Name Prefix Prefix to individual name	O 1 AN 1/10
	NM107	1039	Name Suffix Suffix to individual name	O 1 AN 1/10
	NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 1/2
	NM109	67	Identification Code Code identifying a party or other code	X 1 AN 2/80
	NM110	706	Entity Relationship Code Code describing entity relationship Refer to 005010 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	NM111	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 2/3
	NM112	1035	Name Last or Organization Name Individual last name or organizational name	O 1 AN 1/60

Segment: **TED** **Technical Error Description**
Position: 0700
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>Attributes</u>
M	TED01	647	Application Error Condition Code Code indicating application error condition Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 1/3
	TED02	3	Free-form Message Free-form text	O 1 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 1 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 1 N0 1/10
	TED05	C030	Position in Segment Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID; additionally indicating the relative position of a repeating structure in error, count beginning with 1 for the position immediately following the preceding element separator; additionally indicating the relative position of a component of a composite data structure in error, count beginning with 1 for the position following the preceding element or repetition separator	O 1
M	C03001	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	M N0 1/2
	C03002	1528	Component Data Element Position in Composite To identify the component data element position within the composite that is in error	O N0 1/2
	C03003	1686	Repeating Data Element Position To identify the specific repetition of a data element that is in error	O N0 1/4
	TED06	C999	Reference in Segment To hold the reference number of a data element and optionally a component data element within a composite	O 1
M	C99901	725	Data Element Reference Number Reference number used to locate the data element in the Data Element Dictionary	M N0 1/4
	C99902	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	1	AN 1/99
TED08	961	Data Element New Content New data which has replaced erroneous data	O	1	AN 1/99

Segment: **CTX** Context
Position: 0750
Loop: TED Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: Describes an event context in terms of the application or implementation contexts in force at the time the event occurred and the position in the EDI stream at which that context was activated

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
M	CTX01	C998 Context Identification	M 10
		Holds information to identify a context	
M	C99801	9999 Context Name	M AN 1/35
		Holds the name or 'tag' of a context	
	C99802	9998 Context Reference	O AN 1/35
		Holds a reference to or for a context	
	CTX02	721 Segment ID Code	O 1 ID 2/3
		Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	
	CTX03	719 Segment Position in Transaction Set	O 1 N0 1/10
		The numerical count position of this data segment from the start of the transaction set; the transaction set header is count position 1	
	CTX04	447 Loop Identifier Code	O 1 AN 1/4
		The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
	CTX05	C030 Position in Segment	O 1
		Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID; additionally indicating the relative position of a repeating structure in error, count beginning with 1 for the position immediately following the preceding element separator; additionally indicating the relative position of a component of a composite data structure in error, count beginning with 1 for the position following the preceding element or repetition separator	
M	C03001	722 Element Position in Segment	M N0 1/2
		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	
	C03002	1528 Component Data Element Position in Composite	O N0 1/2
		To identify the component data element position within the composite that is in error	
	C03003	1686 Repeating Data Element Position	O N0 1/4
		To identify the specific repetition of a data element that is in error	
	CTX06	C999 Reference in Segment	O 1
		To hold the reference number of a data element and optionally a component data element within a composite	

M	C99901	725	Data Element Reference Number	M	N0 1/4
			Reference number used to locate the data element in the Data Element Dictionary		
	C99902	725	Data Element Reference Number	O	N0 1/4
			Reference number used to locate the data element in the Data Element Dictionary		

Segment: **NTE** Note/Special Instruction
Position: 0800
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 processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
NTE01	363	Note Reference Code	O 1 ID 3/3
		Code identifying the functional area or purpose for which the note applies Refer to 005010 Data Element Dictionary for acceptable code values.	
M	NTE02	352 Description	M 1 AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **RED** Related Data
Position: 0820
Loop: TED Optional
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To provide business data related to an item within a transaction to which a business application editing process has been applied, and an error condition has resulted

- Syntax Notes:**
- 1 At least one of RED02 or RED06 is required.
 - 2 Only one of RED02 or RED06 may be present.
 - 3 If any of RED03 RED05 or RED06 is present, then all are required.
 - 4 If RED04 is present, then RED03 is required.

- Semantic Notes:**
- 1 RED01 provides the related business data, whose nature is defined by the code in RED02 or RED06.
 - 2 RED02 is an X12-defined code identifying the specific type of related data in RED01.
 - 3 RED03 identifies the agency maintaining the code list identified in RED05.
 - 4 RED04 provides further qualification of the agency identified in RED03.
 - 5 RED05 identifies the code list containing the code indicated in RED06.
 - 6 RED06 is an industry-defined code identifying the specific type of related data in RED01.

- Comments:**
- 1 As an example of the use of the RED01 element, an application edit is applied to the Unit Price element within an Invoice (810) transaction set. The result of that edit indicates an invalid unit price. One piece of related business data would be the associated Product or Service Identification (data element #234). In this example, RED01 would be used to convey the associated Product or Service Identification.

Data Element Summary

M	Ref.	Data	Attributes	
	Des.	Element	Name	
	RED01	352	Description	M 1 AN 1/80
			A free-form description to clarify the related data elements and their content	
	RED02	1609	Related Data Identification Code	X 1 ID 2/3
			Code identifying the nature of data related to an application edit error condition Refer to 005010 Data Element Dictionary for acceptable code values.	
	RED03	559	Agency Qualifier Code	X 1 ID 2/2
			Code identifying the agency assigning the code values Refer to 005010 Data Element Dictionary for acceptable code values.	
	RED04	822	Source Subqualifier	O 1 AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
	RED05	1270	Code List Qualifier Code	X 1 ID 1/3
			Code identifying a specific industry code list Refer to 005010 Data Element Dictionary for acceptable code values.	
	RED06	1271	Industry Code	X 1 AN 1/30
			Code indicating a code from a specific industry code list	

Segment: **LM** Code Source Information
Position: 0850
Loop: LM Optional
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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 005010 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O 1 AN 1/15

Segment: **LQ** Industry Code Identification
Position: 0860
Loop:LQ Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list Refer to 005010 Data Element Dictionary for acceptable code values.	O 1 ID 1/3
LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X 1 AN 1/30

Segment: **RED** Related Data
Position: 0870
Loop: LQ Mandatory
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To provide business data related to an item within a transaction to which a business application editing process has been applied, and an error condition has resulted

- Syntax Notes:**
- 1 At least one of RED02 or RED06 is required.
 - 2 Only one of RED02 or RED06 may be present.
 - 3 If any of RED03 RED05 or RED06 is present, then all are required.
 - 4 If RED04 is present, then RED03 is required.

- Semantic Notes:**
- 1 RED01 provides the related business data, whose nature is defined by the code in RED02 or RED06.
 - 2 RED02 is an X12-defined code identifying the specific type of related data in RED01.
 - 3 RED03 identifies the agency maintaining the code list identified in RED05.
 - 4 RED04 provides further qualification of the agency identified in RED03.
 - 5 RED05 identifies the code list containing the code indicated in RED06.
 - 6 RED06 is an industry-defined code identifying the specific type of related data in RED01.

- Comments:**
- 1 As an example of the use of the RED01 element, an application edit is applied to the Unit Price element within an Invoice (810) transaction set. The result of that edit indicates an invalid unit price. One piece of related business data would be the associated Product or Service Identification (data element #234). In this example, RED01 would be used to convey the associated Product or Service Identification.

Data Element Summary

M	Ref.	Data	Attributes	
	Des.	Element	Name	
	RED01	352	Description	M 1 AN 1/80
			A free-form description to clarify the related data elements and their content	
	RED02	1609	Related Data Identification Code	X 1 ID 2/3
			Code identifying the nature of data related to an application edit error condition Refer to 005010 Data Element Dictionary for acceptable code values.	
	RED03	559	Agency Qualifier Code	X 1 ID 2/2
			Code identifying the agency assigning the code values Refer to 005010 Data Element Dictionary for acceptable code values.	
	RED04	822	Source Subqualifier	O 1 AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
	RED05	1270	Code List Qualifier Code	X 1 ID 1/3
			Code identifying a specific industry code list Refer to 005010 Data Element Dictionary for acceptable code values.	
	RED06	1271	Industry Code	X 1 AN 1/30
			Code indicating a code from a specific industry code list	

Segment: **SE** Transaction Set Trailer
Position: 0900
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>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	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 1 AN 4/9