

File Specifications

822 Account Analysis

Functional Group ID=AA

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Account Analysis Transaction Set (822) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit detailed balance, service charge and adjustment detail primarily from a bank to its corporate clients. However, this transaction set can also be used between or within corporations.

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	010	ST	Transaction Set Header	M		1	
M	020	BG N	Beginning Segment	M		1	
M	030	DT M	Date/Time Reference	M		3	n1
	035	CU R	Currency	O		1	n2
			LOOP ID - N1				1
	040	N1	Name	O		1	n3
	050	N2	Additional Name Information	O		2	
	060	N3	Address Information	O		2	
	070	N4	Geographic Location	O		1	
	090	PE R	Administrative Communications Contact	O		3	
			LOOP ID - RTE				>1
	100	RT E	Rate Information	O		1	n4
	105	DT M	Date/Time Reference	O		1	

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Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - ENT			>1	
M	005	ENT	Entity	M	1		n5
			LOOP ID - N1			>1	
	010	N1	Name	O	1		n6
	020	N2	Additional Name Information	O	2		
	030	N3	Address Information	O	2		
	040	N4	Geographic Location	O	1		
	060	PER	Administrative Communications Contact	O	3		
			LOOP ID - ACT			>1	
	100	ACT	Account Identification	O	1		
	103	CUR	Currency	O	1		n7
	105	ADJ	Adjustments to Balances or Services	O	1000		
			LOOP ID - RTE			>1	
	106	RTE	Rate Information	O	1		n8
	107	DTM	Date/Time Reference	O	1		
			LOOP ID - LX			>1	
	110	LX	Assigned Number	O	1		n9
M	120	BLN	Balance Information	M	>1		n10
	130	DTM	Date/Time Reference	O	5		n11
			LOOP ID - SER			>1	
	140	SER	Service Charges	O	1		
	145	CTP	Pricing Information	O	99		
	150	DTM	Date/Time Reference	O	5		
M	160	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. At least one DTM segment, for the period-ending date, must be used. Others are period-starting date and statement-issued date.
2. This CUR segment identifies the default currency for the entire account analysis.
3. The N1 segment identifies the forwarder of this transaction. Where the forwarder and the financial institution identified in elements ENT02-04 are different entities, the use of this segment is recommended.
4. This RTE segment identifies the default rate(s) for the entire account analysis.
5. The ENT segment provides numeric identification of the originating financial institution and the receiving corporate entity, related to specific account(s).
6. This N1 segment is the receiver of the financial statement.
7. This CUR segment overrides for a particular account the default currency identified in Table 1.
8. This RTE segment overrides for a particular account the default rate(s) identified in Table 1.
9. The LX segment is used only as a means to start a loop containing balance information. Multiple balances for the same period can be reported within a single occurrence of the LX loop.
10. BLN04 through BLN06 are not recommended for usage in transaction set 822. The time period of the analysis is defined in the DTM segment (position 2/130).
11. The DTM segment is used to reflect the time period of the analysis.

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:	

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Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	ST01	143	Transaction Set Identifier Code M ID 3/3
		Code uniquely identifying a Transaction Set	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
M	ST02	329	Transaction Set Control Number M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

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:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	BGN01	353	Transaction Set Purpose Code M ID 2/2
		Code identifying purpose of transaction set	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
M	BGN02	127	Reference Identification M AN 1/30

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			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
M	BGN03	373	Date	M	DT 8/8
			Date expressed as CCYYMMDD		
	BGN04	337	Time	X	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)		
	BGN05	623	Time Code	O	ID 2/2
			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 004010 Data Element Dictionary for acceptable code values.		
	BGN06	127	Reference Identification	O	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	BGN07	640	Transaction Type Code	O	ID 2/2
			Code specifying the type of transaction		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	BGN08	306	Action Code	O	ID 1/2
			Code indicating type of action		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	BGN09	786	Security Level Code	O	ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

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Segment: DTM Date/Time Reference
Position: 030
Loop:
Level: Heading
Usage: Mandatory
Max Use: 3
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	Time	X 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)	
	DTM04	623	Time Code	O ID 2/2
			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 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: CUR Currency
Position: 035
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:
Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	CUR01	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
M	CUR02	100 Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280 Exchange Rate	O R 4/10
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR05	100 Currency Code	O ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
	CUR06	669 Currency Market/Exchange Code	O ID 3/3
		Code identifying the market upon which the currency exchange rate is based Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR07	374 Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR08	373 Date	O DT 8/8
		Date expressed as CCYYMMDD	
	CUR09	337 Time	O 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;	

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			decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
	CUR10	374	Date/Time Qualifier X ID 3/3
			Code specifying type of date or time, or both date and time
			Refer to 004010 Data Element Dictionary for acceptable code values.
	CUR11	373	Date X DT 8/8
			Date expressed as CCYYMMDD
	CUR12	337	Time X 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)
	CUR13	374	Date/Time Qualifier X ID 3/3
			Code specifying type of date or time, or both date and time
			Refer to 004010 Data Element Dictionary for acceptable code values.
	CUR14	373	Date X DT 8/8
			Date expressed as CCYYMMDD
	CUR15	337	Time X 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)
	CUR16	374	Date/Time Qualifier X ID 3/3
			Code specifying type of date or time, or both date and time
			Refer to 004010 Data Element Dictionary for acceptable code values.
	CUR17	373	Date X DT 8/8
			Date expressed as CCYYMMDD
	CUR18	337	Time X 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)
	CUR19	374	Date/Time Qualifier X ID 3/3
			Code specifying type of date or time, or both date and time
			Refer to 004010 Data Element Dictionary for acceptable code values.
	CUR20	373	Date X DT 8/8
			Date expressed as CCYYMMDD
	CUR21	337	Time X 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)

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Segment: N1 Name
Position: 040
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

Ref. Des.	Data Element	Name	Attributes	
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N102	93	Name	X AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: N2 Additional Name Information

Position: 050

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 2

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

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

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

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: N3 Address Information

Position: 060

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

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

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: N4 Geographic Location
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	

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Segment: PER Administrative Communications Contact

Position: 090

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	Ref. Des.	Data Element	Name	Attributes	
	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PER02	93	Name	O	AN 1/60
			Free-form name		
	PER03	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PER04	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER05	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PER06	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER07	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PER08	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER09	443	Contact Inquiry Reference	O	AN 1/20
			Additional reference number or description to clarify a contact number		

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Segment: RTE Rate Information

Position: 100

Loop: RTE Optional

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To specify the earnings, rates and multipliers for this account

Syntax Notes:

Semantic Notes:

- 1 RTE03 is the analysis month net collected amount per \$1.00 service charge, net of reserves.
- 2 RTE04 is the number of days in the analysis month used in the application of the rate information.
- 3 RTE05 is the number of days in the analysis year used in the application of the rate information.

Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
M	RTE01	1387	Rate Qualifier	M	ID 1/2
			Code indicating the type of interest rate		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	RTE02	953	Interest Rate	M	R 1/6
			The interest rate as a percentage		
	RTE03	782	Monetary Amount	O	R 1/18
			Monetary amount		
	RTE04	1470	Number	O	NO 1/9
			A generic number		
	RTE05	1470	Number	O	NO 1/9
			A generic number		

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Segment: DTM Date/Time Reference
Position: 105
Loop: RTE Optional
Level: Heading
Usage: Optional
Max Use: 1
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	Time	X 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)	
	DTM04	623	Time Code	O ID 2/2
			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 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

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Segment: ENT Entity
Position: 005
Loop: ENT Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

- Syntax Notes:**
- 1 If any of ENT02 ENT03 or ENT04 is present, then all are required.
 - 2 If any of ENT05 ENT06 or ENT07 is present, then all are required.
 - 3 If either ENT08 or ENT09 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
 - (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
 - (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
 - (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
 - (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
 This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ENT01	554	Assigned Number	O NO 1/6
		Number assigned for differentiation within a transaction set	

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ENT02	98	Entity Identifier Code	X	ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
ENT03	66	Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
ENT04	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
ENT05	98	Entity Identifier Code	X	ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
ENT06	66	Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
ENT07	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
ENT08	128	Reference Identification Qualifier	X	ID 2/3
		Code qualifying the Reference Identification		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
ENT09	127	Reference Identification	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

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Segment: N1 Name
Position: 010
Loop: N1 Optional
Level: Detail
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

Ref. Des.	Data Element	Name	Attributes	
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N102	93	Name	X AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: N2 Additional Name Information

Position: 020

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 2

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

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

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

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: N3 Address Information

Position: 030

Loop: N1 Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify the location of the named party

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

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

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: N4 Geographic Location
Position: 040
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: PER Administrative Communications Contact

Position: 060

Loop: N1 Optional

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	Ref. Des.	Data Element	Name	Attributes	
	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PER02	93	Name	O	AN 1/60
			Free-form name		
	PER03	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PER04	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER05	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PER06	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER07	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PER08	364	Communication Number	X	AN 1/80
			Complete communications number including country or area code when applicable		
	PER09	443	Contact Inquiry Reference	O	AN 1/20
			Additional reference number or description to clarify a contact number		

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: ACT Account Identification
Position: 100
Loop: ACT Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify account information
Syntax Notes:

- 1 If either ACT03 or ACT04 is present, then the other is required.
- 2 If ACT05 is present, then ACT06 is required.
- 3 If ACT07 is present, then ACT05 is required.

Semantic Notes:

- 1 ACT02 is the name of the account in ACT01.
- 2 ACT07 is the name associated with the account identified in ACT06.

Comments:

- 1 ACT06 is an account associated with the account in ACT01.
- 2 ACT08 indicates if the data for the account in ACT01 is used for billing or information purposes.

Data Element Summary

Ref.	Data Des.	Element	Name	Attributes	
M	ACT01	508	Account Number	M	AN 1/35
			Account number assigned		
	ACT02	93	Name	O	AN 1/60
			Free-form name		
	ACT03	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	ACT04	67	Identification Code	X	AN 2/80
			Code identifying a party or other code		
	ACT05	569	Account Number Qualifier	X	ID 1/3
			Code indicating the type of account		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	ACT06	508	Account Number	X	AN 1/35
			Account number assigned		
	ACT07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
	ACT08	107	Payment Method Code	O	ID 1/2
			Code identifying type of payment procedures		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	ACT09	1216	Benefit Status Code	O	ID 1/1
			The type of coverage under which benefits are paid		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: CUR Currency
Position: 103
Loop: ACT Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:
Comments: 1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	CUR01	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
M	CUR02	100 Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280 Exchange Rate	O R 4/10
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR05	100 Currency Code	O ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
	CUR06	669 Currency Market/Exchange Code	O ID 3/3
		Code identifying the market upon which the currency exchange rate is based Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR07	374 Date/Time Qualifier	X ID 3/3
		Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
	CUR08	373 Date	O DT 8/8
		Date expressed as CCYYMMDD	
	CUR09	337 Time	O 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;	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

			decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	CUR10	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	CUR11	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
	CUR12	337	Time	X	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)		
	CUR13	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	CUR14	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
	CUR15	337	Time	X	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)		
	CUR16	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	CUR17	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
	CUR18	337	Time	X	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)		
	CUR19	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	CUR20	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
	CUR21	337	Time	X	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)		

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: ADJ Adjustments to Balances or Services

Position: 105

Loop: ACT Optional

Level: Detail

Usage: Optional

Max Use: 1000

Purpose: To identify adjustments to account balances or service charges on the account

- Syntax Notes:**
- 1 If either ADJ08 or ADJ09 is present, then the other is required.
 - 2 If ADJ10 is present, then at least one of ADJ11 or ADJ12 is required.
 - 3 If ADJ10 is present, then ADJ09 is required.
 - 4 If ADJ11 is present, then at least one of ADJ10 or ADJ12 is required.
 - 5 If ADJ11 is present, then ADJ09 is required.
 - 6 If ADJ12 is present, then at least one of ADJ10 or ADJ11 is required.
 - 7 If ADJ12 is present, then ADJ09 is required.
 - 8 If ADJ13 is present, then ADJ09 is required.
 - 9 If ADJ13 is present, then at least one of ADJ14 or ADJ15 is required.
 - 10 If ADJ14 is present, then ADJ09 is required.
 - 11 If ADJ14 is present, then at least one of ADJ13 or ADJ15 is required.
 - 12 If ADJ15 is present, then ADJ09 is required.
 - 13 If ADJ15 is present, then at least one of ADJ13 or ADJ14 is required.
 - 14 If either ADJ16 or ADJ17 is present, then the other is required.
 - 15 If ADJ17 is present, then ADJ09 is required.

- Semantic Notes:**
- 1 ADJ02 is the adjustment amount.
 - 2 ADJ03 is the adjustment to the average collected balance.
 - 3 ADJ04 is the date of the original financial transaction.
 - 4 ADJ05 is the date the adjustment was processed.
 - 5 ADJ06 represents the number of days between the original transaction date and the adjustment date.
 - 6 ADJ10 is the change in the service price. A negative sign preceding the amount indicates a price reduction.
 - 7 ADJ11 is the former service price.
 - 8 ADJ12 is the new service price.
 - 9 ADJ13 is the change in the service volume. A negative sign preceding the amount indicates a volume reduction.
 - 10 ADJ14 is the former service volume.
 - 11 ADJ15 is the new service volume.
 - 12 ADJ16 is the subservice identifier.
 - 13 ADJ17 is the actual subservice number.

- Comments:**
- 1 ADJ06 is recommended for float and ledger balance adjustments.
 - 2 ADJ08 and ADJ09 are needed to identify the product or service to which the adjustment applies.
ADJ08 through ADJ17 are only utilized for adjustments to services.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	ADJ01	952	Adjustment Application Code	M	ID 1/2

File Translation and Delivery Services: EDI 822 File Transfer Specifications

			Code for area to which adjustment applies Refer to 004010 Data Element Dictionary for acceptable code values.		
M	ADJ02	782	Monetary Amount Monetary amount	M	R 1/18
	ADJ03	782	Monetary Amount Monetary amount	O	R 1/18
M	ADJ04	373	Date Date expressed as CCYYMMDD	M	DT 8/8
M	ADJ05	373	Date Date expressed as CCYYMMDD	M	DT 8/8
	ADJ06	1470	Number A generic number	O	NO 1/9
	ADJ07	352	Description A free-form description to clarify the related data elements and their content	O	AN 1/80
	ADJ08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
	ADJ09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
	ADJ10	610	Amount Monetary amount	X	N2 1/15
	ADJ11	610	Amount Monetary amount	X	N2 1/15
	ADJ12	610	Amount Monetary amount	X	N2 1/15
	ADJ13	380	Quantity Numeric value of quantity	X	R 1/15
	ADJ14	380	Quantity Numeric value of quantity	X	R 1/15
	ADJ15	380	Quantity Numeric value of quantity	X	R 1/15
	ADJ16	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/3
	ADJ17	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: RTE Rate Information

Position: 106

Loop: RTE Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the earnings, rates and multipliers for this account

Syntax Notes:

Semantic Notes:

- 1 RTE03 is the analysis month net collected amount per \$1.00 service charge, net of reserves.
- 2 RTE04 is the number of days in the analysis month used in the application of the rate information.
- 3 RTE05 is the number of days in the analysis year used in the application of the rate information.

Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
			M	ID	
M	RTE01	1387	Rate Qualifier	M	ID 1/2
			Code indicating the type of interest rate		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	RTE02	953	Interest Rate	M	R 1/6
			The interest rate as a percentage		
	RTE03	782	Monetary Amount	O	R 1/18
			Monetary amount		
	RTE04	1470	Number	O	NO 1/9
			A generic number		
	RTE05	1470	Number	O	NO 1/9
			A generic number		

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: DTM Date/Time Reference
Position: 107
Loop: RTE Optional
Level: Detail
Usage: Optional
Max Use: 1
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	Time	X 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)	
	DTM04	623	Time Code	O ID 2/2
			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 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: LX Assigned Number
Position: 110
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
				M	NO 1/6
M	LX01	554	Assigned Number	M	NO 1/6
			Number assigned for differentiation within a transaction set		

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: BLN Balance Information
Position: 120
Loop: LX Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To provide specific balance information for financial account reporting
Syntax Notes: 1 If BLN06 is present, then BLN05 is required.
Semantic Notes: 1 BLN03 is the monetary amount of a financial account balance type described in BLN02. A financial account may have more than one balance type. If more than one balance type is present, multiple BLN loops should be used.
Comments:

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	BLN01	1270	Code List Qualifier Code	M ID 1/3
			Code identifying a specific industry code list Refer to 004010 Data Element Dictionary for acceptable code values.	
M	BLN02	1271	Industry Code	M AN 1/30
			Code indicating a code from a specific industry code list	
M	BLN03	782	Monetary Amount	M R 1/18
			Monetary amount	
	BLN04	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
	BLN05	337	Time	X 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)	
	BLN06	623	Time Code	O ID 2/2
			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 004010 Data Element Dictionary for acceptable code values.	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: DTM Date/Time Reference
Position: 130
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: 5
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	Time	X 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)	
	DTM04	623	Time Code	O ID 2/2
			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 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: SER Service Charges
Position: 140
Loop: SER Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the details of the service charges levied
Syntax Notes:
 1 At least one of SER03 or SER04 is required.
 2 If either SER10 or SER11 is present, then the other is required.
Semantic Notes:
 1 SER03 is collected balance required (Account balance needed to compensate for service charge).
 2 SER04 is the service charge.
 3 SER08 is the pricing structure.
 4 SER09 is the method of compensation.
 5 SER10 is the subservice identifier.
 6 SER11 is the subservice number.
Comments:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M	SER01	235	Product/Service ID Qualifier M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
M	SER02	234	Product/Service ID M AN 1/48
		Identifying number for a product or service	
	SER03	782	Monetary Amount X R 1/18
		Monetary amount	
	SER04	782	Monetary Amount X R 1/18
		Monetary amount	
	SER05	212	Unit Price O R 1/17
		Price per unit of product, service, commodity, etc.	
	SER06	380	Quantity O R 1/15
		Numeric value of quantity	
	SER07	352	Description O AN 1/80
		A free-form description to clarify the related data elements and their content	
	SER08	236	Price Identifier Code O ID 3/3
		Code identifying pricing specification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	SER09	107	Payment Method Code O ID 1/2
		Code identifying type of payment procedures	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	SER10	128	Reference Identification Qualifier X ID 2/3
		Code qualifying the Reference Identification	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	SER11	127	Reference Identification X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: CTP Pricing Information
Position: 145
Loop: SER Optional
Level: Detail
Usage: Optional
Max Use: 99
Purpose: To specify pricing information
Syntax Notes: 1 If either CTP04 or CTP05 is present, then the other is required.
 2 If CTP06 is present, then CTP07 is required.
 3 If CTP09 is present, then CTP02 is required.
 4 If CTP10 is present, then CTP02 is required.
 5 If CTP11 is present, then CTP03 is required.
Semantic Notes: 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
 2 CTP08 is the rebate amount.
Comments: 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.
 See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CTP01	687	Class of Trade Code Code indicating class of trade Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
CTP02	236	Price Identifier Code Code identifying pricing specification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 3/3
CTP03	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17
CTP04	380	Quantity Numeric value of quantity	X R 1/15
CTP05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
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 004010 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 004010 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 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
C00108	1018	Exponent	O R 1/15

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			Power to which a unit is raised		
	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	C00110	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 004010 Data Element Dictionary for acceptable code values.		
	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
	C00112	649	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 004010 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		
	CTP06	648	Price Multiplier Qualifier	O	ID 3/3
			Code indicating the type of price multiplier		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	CTP07	649	Multiplier	X	R 1/10
			Value to be used as a multiplier to obtain a new value		
	CTP08	782	Monetary Amount	O	R 1/18
			Monetary amount		
	CTP09	639	Basis of Unit Price Code	O	ID 2/2
			Code identifying the type of unit price for an item		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	CTP10	499	Condition Value	O	AN 1/10
			Identifies rate restrictions or provisions		
	CTP11	289	Multiple Price Quantity	O	NO 1/2
			Quantity of units for a given price, e.g., 3 for \$10.00		

File Translation and Delivery Services: EDI 822 File Transfer Specifications

Segment: DTM Date/Time Reference
Position: 150
Loop: SER Optional
Level: Detail
Usage: Optional
Max Use: 5
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	DTM03	337	Time	X 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)	
	DTM04	623	Time Code	O ID 2/2
			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 004010 Data Element Dictionary for acceptable code values.	
	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

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Segment: SE Transaction Set Trailer

Position: 160

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

	Ref. Des.	Data Element	Name	Attributes	
				M	NO
M	SE01	96	Number of Included Segments	M	NO 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	Transaction Set Control Number	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		