

821 Financial Information Reporting

Functional Group ID=**FR**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Financial Information Reporting Transaction Set (821) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report balances, detail and summary financial transactions, and other related account information. It can be used by financial institutions and their agents to report to their clients.

Notes:

Use a single occurrence of this transaction set to transmit details of a single obligation.

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>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	B2A	Set Purpose	M	1		
Must Use	030	DTM	Date/Time Reference	M	4		n1
Must Use	040	TRN	Trace	M	2		
	050	N1	Name	O	2		n2
Not Used	060	PER	Administrative Communications Contact	O	>1		n3
	061	REF	Reference Identification	O	>1		
LOOP ID - LM						10	
Not Used	065	LM	Code Source Information	O	1		n4
LOOP ID - LQ						100	
Not Used	067	LQ	Industry Code	M	1		
Not Used	069	DTM	Date/Time Reference	O	3		n5
LOOP ID - FA1						>1	
	080	FA1	Type of Financial Accounting Data	O	1		
Must Use	090	FA2	Accounting Data	M	>1		

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 - ENT						>1	
Must Use	010	ENT	Entity	M	1		n6
LOOP ID - N1						2	
Not Used	020	N1	Name	O	1		
Not Used	030	N2	Additional Name Information	O	>1		
Not Used	040	N3	Address Information	O	>1		

821M - Financial Information Reporting (Medical)

Not Used	050	N4	Geographic Location	O	1	
Not Used	060	PER	Administrative Communications Contact	O	>1	
LOOP ID - ACT					>1	
	070	ACT	Account Identification	O	1	
Not Used	080	CUR	Currency	O	1	
LOOP ID - LM					10	
Not Used	085	LM	Code Source Information	O	1	n7
LOOP ID - LQ					100	
Not Used	087	LQ	Industry Code	M	1	
Not Used	089	DTM	Date/Time Reference	O	3	n8
LOOP ID - RTE					13	
Not Used	095	RTE	Rate Information	O	1	n9
Not Used	096	DTM	Date/Time Reference	O	1	
LOOP ID - BLN					>1	
Not Used	100	BLN	Balance Information	O	1	
Not Used	110	AVA	Funds Availability	O	>1	
LOOP ID - TSU					>1	
Not Used	120	TSU	Transaction Summary	O	1	
Not Used	130	AVA	Funds Availability	O	>1	
LOOP ID - FIR					>1	
	140	FIR	Financial Information	O	1	
Not Used	150	DTM	Date/Time Reference	O	>1	
	160	REF	Reference Identification	O	>1	
Not Used	170	MSG	Message Text	O	>1	
Not Used	180	AVA	Funds Availability	O	>1	
Not Used	190	TRN	Trace	O	1	
Not Used	200	N1	Name	O	>1	
Not Used	210	AMT	Monetary Amount	O	>1	
	220	CTP	Pricing Information	O	>1	
Not Used	230	RTE	Rate Information	O	>1	
LOOP ID - NM1					>1	
Not Used	240	NM1	Individual or Organizational Name	O	1	n10
Not Used	250	N2	Additional Name Information	O	>1	
Not Used	260	N3	Address Information	O	>1	
Not Used	270	N4	Geographic Location	O	1	
Not Used	280	DTM	Date/Time Reference	O	1	n11
LOOP ID - FA1					>1	
Not Used	290	FA1	Type of Financial Accounting Data	O	1	
Not Used	300	FA2	Accounting Data	M	>1	

Summary:

	<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>
Must Use	010	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. At least one DTM segment, for period-ending date, must be used. Others are period-starting date, statement-issued (process) date, and transaction-creation date.
2. This 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. The second N1 segment can be used to identify an additional participant in the issuing of the transaction.
3. This PER segment identifies the administrative contact(s) of the forwarder of the transaction.
4. The LM loop is intended to provide information regarding problems and errors which affect all accounts contained within this Financial Information Reporting (821) transaction set. The description of the problem or error is contained in an Industry Code list identified in the LQ segment.
5. The DTM segment is intended to provide information regarding the expected problem resolution date and/or time. Additional uses of this segment are for the provision of the problem occurrence date and/or time, and the alternate problem resolution date and/or time.
6. This ENT segment provides numeric identification of the originating financial institution and the receiving corporate entity, related to specific accounts.
7. The LM loop is intended to provide information regarding problems and errors which affect the specific account being reported within this ACT loop. The description of the problem or error is contained in an Industry Code list identified in the LQ segment.
8. The DTM segment is intended to provide information regarding the expected problem resolution date and/or time. Additional uses of this segment are for the provision of the problem occurrence date and/or time, and the alternate problem resolution date and/or time.
9. The RTE loop is used to indicate rates associated with the related account, and the effective date of that rate.
10. The NM1 loop is intended to provide individuals or organizations related to the transaction reported in the FIR segment.
11. The DTM is intended to provide a date and/or time related to the individual or organization identified in the NM1 segment.

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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143		Transaction Set Identifier Code	M ID 3/3
				Code uniquely identifying a Transaction Set	
				821 Financial Information Reporting	
Must Use	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	
				<i>Use to transmit a unique number assigned by the originator of the transaction set. This number may be system generated.</i>	

Segment: **B2A** Set Purpose
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To allow for positive identification of transaction set purpose
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	B2A01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			<i>Use to establish the obligation.</i>	
			04 Change	
			<i>Use to indicate an adjustment.</i>	
	B2A02	346	Application Type	O ID 2/2
			Code identifying an application	
			DO Delivery Order	

Segment: **DTM** Date/Time Reference
Position: 030
Loop:
Level: Heading
Usage: Mandatory
Max Use: 4
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM06 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			097 Transaction Creation	
			194 Period End	
			378 Financial Information Submission	
			Date of the submission of contractor financial information	
			<i>Use to indicate Fiscal Year.</i>	
	DTM02	373	Date	X DT 6/6
			Date (YYMMDD)	
			<i>When code 378 is cited in DTM01, YY will indicate the FY and MM/DD will indicate the actual month and day.</i>	
Not Used	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)	
Not Used	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	
Must Use	DTM05	624	Century	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3

821M - Financial Information Reporting (Medical)

Not Used	DTM07	1251	Date Time Period	X	AN 1/35
-----------------	--------------	-------------	-------------------------	----------	----------------

Code indicating the date format, time format, or date and time format
Expression of a date, a time, or range of dates, times or dates and times

Segment: **TRN** Trace
Position: 040
Loop:
Level: Heading
Usage: Mandatory
Max Use: 2
Purpose: To uniquely identify a transaction to an application
Syntax Notes:
Semantic Notes:

- 1 TRN02 provides unique identification for the transaction.
- 2 TRN03 identifies an organization.
- 3 TRN04 identifies a further subdivision within the organization.

Comments:

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Must Use	TRN01	481	Trace Type Code	M ID 1/2
			Code identifying which transaction is being referenced	
			1 Current Transaction Trace Numbers	
Must Use	TRN02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Use to indicate Document Number.</i>	
Not Used	TRN03	509	Originating Company Identifier	O AN 10/10
			A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9	
Not Used	TRN04	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **N1** Name
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			1Q Military Facility	
			<i>Use to indicate Organization.</i>	
			Z4 Owing Inventory Control Point	
			An inventory control organization responsible for management of a particular item	
			<i>Use to identify the Inventory Control Point (ICP).</i>	
	N102	93	Name	X AN 1/60
			Free-form name	
Must Use	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10 Department of Defense Activity Address Code (DODAAC)	
Must Use	N104	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
Not Used	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or	

an individual

Segment: **REF** Reference Identification
Position: 061
Loop:
Level: Heading
Usage: Optional
Max Use: >1
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

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		9X Account Category	<i>Use to indicate Material Category (MAT CAT).</i>
		AM Adjustment Memo (Charge Back)	
		AT Appropriation Number	
		AX Government Accounting Class Reference Number (ACRN)	<i>Use to indicate Procurement Instrument Identification Number (PIIN) ACRN.</i>
		CT Contract Number	<i>Use to indicate Contract Number.</i>
		DO Delivery Order Number	<i>Use to indicate Call Number.</i>
		RQ Purchase Requisition Number	<i>Use to indicate External Document Number.</i>
		VE Vendor Abbreviation Code	<i>Use to indicate Source of Supply (SOS) code.</i>
		W8 Suffix	Differentiates between partial actions taken on the original transaction <i>Use for the Suffix indicating to the accounting system the status of the obligation.</i>
		YU Payor Identification	<i>Use to indicate Refund Code.</i>
		ZA Supplier	

Use to indicate the document identifier code (DIC).

	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X	AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M	ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

Segment: **FA1** Type of Financial Accounting Data
Position: 080
Loop: FA1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Syntax Notes:

- Semantic Notes:**
- 1 FA101 Identifies the organization controlling the assignment of financial accounting information.
 - 2 FA102 Identifies the purpose of the accounting allowance or charge information.

Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	FA101	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		DS Defense Finance and Accounting Service (DFAS)	
	FA102	1300 Service, Promotion, Allowance, or Charge Code	O ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		B660 Contract Allowance	
	FA103	248 Allowance or Charge Indicator	O ID 1/1
		Code which indicates an allowance or charge for the service specified	
		Refer to 003070 Data Element Dictionary for acceptable code values.	

Segment: **FA2 Accounting Data**
Position: 090
Loop: FA1 Optional
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	FA201	1196	Breakdown Structure Detail Code	M ID 2/2
			Codes identifying details relating to a reporting breakdown structure tree	
		B5	Fund Code <i>Use to indicate Fund Code.</i>	
		C4	Project Account <i>Use to indicate the Project Center.</i>	
		F1	Object Class <i>Use to indicate Asset Object Class Code (AOCC).</i>	
		F4	Element of Resource Code <i>Use to indicate Element of Resource (EOR).</i>	
		G4	Accounting Processing Code <i>Use to indicate Expense Center.</i>	
		H1	Cost Code <i>Use to indicate Customer ID.</i>	
		H4	Cost Allocation Code <i>Use to indicate Financial Code.</i>	
Must Use	FA202	1195	Financial Information Code	M AN 1/80
			Code representing financial accounting information	

Segment: **ENT** Entity
Position: 010
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.

Notes: *Use of the 2/ENT/010 segment is required only for compliance with ASC X12 syntax. The figure "00" should be used in 2/ENT01/010.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
ENT01	554	Assigned Number		O N0 1/6
		Number assigned for differentiation within a transaction set		
		<i>Use "00" (zero-zero) to comply with ASC X12 syntax requirements.</i>		
Not Used	ENT02	98 Entity Identifier Code	X	ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		
Not Used	ENT03	66 Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
Not Used	ENT04	67 Identification Code	X	AN 2/20

821M - Financial Information Reporting (Medical)

			Code identifying a party or other code		
Not Used	ENT05	98	Entity Identifier Code	X	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
Not Used	ENT06	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
Not Used	ENT07	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
Not Used	ENT08	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	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		

Segment:	ACT Account Identification
Position:	070
Loop:	ACT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify account information
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1 ACT02 is the name of the account in ACT01. 2 ACT07 is the name associated with the account identified in ACT06.
Comments:	<ol style="list-style-type: none"> 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.
Notes:	<i>Use of the 2/ACT/070 segment is required only for compliance with ASC X12 syntax. A figure "1" should be used in 2/ACT01/070.</i>

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	ACT01	508 Account Number	M AN 1/35
		Account number assigned	
		<i>Use a figure "1" to comply with ASC X12 syntax requirements.</i>	
	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)	
	ACT04	67 Identification Code	X AN 2/20
		Code identifying a party or other code	
	ACT05	569 Account Number Qualifier	X ID 1/3
		Code indicating the type of account	
	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 1/1
		Code identifying type of payment procedures	
	ACT09	1216 Benefit Status Code	O ID 1/1
		The type of coverage under which benefits are paid	

Segment:	FIR Financial Information
Position:	140
Loop:	FIR Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the details of financial information transactions
Syntax Notes:	<ol style="list-style-type: none"> 1 If FIR06 is present, then FIR05 is required. 2 If FIR12 is present, then FIR11 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 FIR03 is the amount of the transaction. 2 FIR04 is the posted date. (Posted is a financial term that describes when the funds are booked.) 3 FIR07 is the summary number of financial transactions identified in FIR02. 4 FIR08 is the total count of detail items (e.g., number of checks) for the financial transactions summarized in FIR07.
Comments:	<ol style="list-style-type: none"> 1 FIR11 and FIR12 are used when the entry upon which the transaction is based is of a different currency than that of the account (e.g., if a \$100 U.S. check was drawn on a Canadian dollar account, FIR03 would contain the amount of the Canadian dollar debit to the account, FIR11 would be USD, and FIR12 would be the original transaction amount (\$100)).

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	FIR01	1270 Code List Qualifier Code	M ID 1/3
		Code identifying a specific industry code list	
		21 Contract Fund Reporting Transaction Code	
		Type of cash record specified in a notice of contract payment	
		<i>Use to comply with ASC X12 syntax requirements.</i>	
Must Use	FIR02	1271 Industry Code	M AN 1/30
		Code indicating a code from a specific industry code list	
		<i>Use the number "350" to comply with ASC X12 syntax requirements.</i>	
Must Use	FIR03	782 Monetary Amount	M R 1/15
		Monetary amount	
		<i>Use to indicate the total amount of the contract.</i>	
Not Used	FIR04	373 Date	O DT 6/6
		Date (YYMMDD)	
Not Used	FIR05	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)	

Not Used	FIR06	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	O	ID 2/2
Not Used	FIR07	380	Quantity Numeric value of quantity	O	R 1/15
Not Used	FIR08	380	Quantity Numeric value of quantity	O	R 1/15
	FIR09	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit <i>Use to indicate reversal code.</i> C Credit D Debit <i>Use to indicate obligation.</i>	O	ID 1/1
Not Used	FIR10	1197	Financial Transaction Status Code Code indicating the status of the transaction	O	ID 1/2
Not Used	FIR11	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	X	ID 3/3
Not Used	FIR12	782	Monetary Amount Monetary amount	O	R 1/15

Segment: **REF** Reference Identification
Position: 160
Loop: FIR Optional
Level: Detail
Usage: Optional
Max Use: >1
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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification NS National Stock Number <i>Use to indicate the actual NSN.</i>	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

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

Segment:	CTP Pricing Information
Position:	220
Loop:	FIR Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify pricing information
Syntax Notes:	<ol style="list-style-type: none"> 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.
Semantic Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	CTP01	687 Class of Trade Code Code indicating class of trade	O ID 2/2
Not Used	CTP02	236 Price Identifier Code Code identifying pricing specification	X ID 3/3
Not Used	CTP03	212 Unit Price Price per unit of product, service, commodity, etc.	O R 1/17
	CTP04	380 Quantity Numeric value of quantity <i>Use to indicate the order transaction quantity.</i>	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
Must Use	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 003070 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	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 003070 Data Element Dictionary for acceptable code values.	
	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00107	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 003070 Data Element Dictionary for acceptable code values.	
	C00108	1018	Exponent	O R 1/15
			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 003070 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 003070 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	
Not Used	CTP06	648	Price Multiplier Qualifier	O ID 3/3
			Code indicating the type of price multiplier	
Not Used	CTP07	649	Multiplier	X R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	CTP08	782	Monetary Amount	O R 1/15
			Monetary amount	
Not Used	CTP09	639	Basis of Unit Price Code	O ID 2/2
			Code identifying the type of unit price for an item	
Not Used	CTP10	499	Condition Value	O AN 1/10
			Identifies rate restrictions or provisions	

Not Used **CTP11** **289** **Multiple Price Quantity** **O** **N0 1/2**
Quantity of units for a given price, e.g., 3 for \$10.00

Segment: **SE** Transaction Set Trailer
Position: 010
Loop:
Level: Summary
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.	Data		
	Des.	Element	Name	Attributes
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	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	
			<i>Cite the same number that is contained in ST02.</i>	