

Attachment I: Automated Clearing House Record Specifications

ACH record format specifications are designed to assist ACH participants in properly formatting transactions for transmission and retrieval. The following records are included in an ACH file originated to remit child support payments and payment-related information:

- File Header Record – the “1”
- Company/Batch Header Record – the “5”
- Entry Detail Record – the “6”
- Addenda Record – the “7”
- Company/Batch Control Record – the “8”
- File Control Record – the “9”

Table One contains the format for the File Header Record, also referred to as the “1” Record. This record and the File Control Record act as the outermost envelope of an ACH transaction. The header conveys information related to the destination and origin of the transaction.

Table Two contains the format for the Company/ Batch Header Record, also referred to as the “5” Record. This record and the Company/Batch Control Record act as an inner envelope, combining similar entries and providing information about the Originator. This record identifies the Originator and describes the purpose of the entry. This record also contains the routing and transit number of the Originator’s bank for settlement, return and control purposes and the effective date of all transactions included in the batch.

Table Three contains the format for the CCD+ Entry Detail Record, also referred to as the “6” Record. This record serves as a request for the transfer of money to the account of the state disbursement unit (SDU) and contains information sufficient to relate the entry to the account, such as the bank account and routing and transit number. **Table Four** contains the format for the CCD+ Addenda Record, also known as the “7” Record. Remittance information relating to a child support account is contained within the 80-byte Payment Related Information Field of the Addenda Record, commonly referred to as the DED segment.

A relationship exists between the “6” and “7” records. The type of relationship is determined by the Standard Entry Class (SEC) designated on the Entry Detail Record. Two standard entry classes are approved for the transfer of child support payments: the Cash Concentration or Disbursement plus Addenda Record (CCD+) SEC and the Corporate Trade Exchange (CTX) SEC. For CCD+ entries, a one-to-one relationship exists between the Entry Detail record and the Addenda Record. As many as 9,999 Addenda Records may be included with one CTX Entry Detail Record. CTX Addenda Records are formatted according to the Accredited Standards Committee’s X12 820 Standard. Table Seven contains the format for the CTX Entry Detail Record. Table Eight contains the format for the CTX Addenda Record.

Table Five contains the format for the Company/Batch Control Record. This record contains the counts and total dollar amounts for the Entry Detail Records within a batch.

Table Six contains the format for the File Control Record, which provides the total amount of credits in the file.

Sequence of Records

The sequence of records in an ACH file is prescribed by NACHA. The following describes the sequence of records for the CCD+ and CTX entries. Any other sequence will cause the file to reject.

CCD+ Entry:

File Header Record
 Company Batch Header Record
 Entry Detail Record
 Addenda Record
 Entry Detail Record
 Addenda Record
 Entry Detail Record
 Addenda Record
 Company/Batch Control Record
 File Control Record

CTX Entry:

File Header Record
 Company Batch Header Record
 Entry Detail Record
 Addenda Record
 Addenda Record *Up to 9,999*
 Addenda Record *Addenda Records*
 Addenda Record
 Company/Batch Control Record
 File Control Record

Data Specifications

A data element has three primary attributes: length, field requirement and format.

Length Refers to the minimum/maximum use of an element. The exact length may be provided or indicated; for example, 1/6 indicates that this data element must be at least one character, but not more than six.

The Inclusion Requirement indicates whether the data must be included in the file. The letter "M" designates mandatory inclusion. The letter "O" designates optional inclusion.

Format refers to the formatting of the data elements within the field. The formats supported are alphanumeric string, date, ID and numeric.

A string format is designated by the letters "AN." A string data element is a sequence of letters, digits, spaces and/or special characters (with the exception of the asterisk). Within the records, all alpha-numeric fields are left justified and space filled.

A date format is designated by the letters "DT." The format for a date in an EFT payment file is YYMMDD, where YY is the last two digits of the year (00-99), MM is the numeric value of the month (01-12), and DD is the numeric value of the day (01-31). A four-digit year is not supported in the CCD+ file format.

An ID format is designated by the letters "ID." This format is used for a pre-defined identifier, such as an account number.

A numeric format is designated by the letters "N2." The format indicates the data element is a number with 2 decimal places to the right of a fixed, implied decimal point. The decimal point is not transmitted. It is intended that this number will always be positive for the child support application banking convention. Thus the amount, \$550.00 would appear as *55000*. All numeric fields are right justified and zero filled.

This page left intentionally blank.

File Header Record Format – Record Type 1							Table 1
Field	Position	Length	Data Element	Format	Mandatory Values	Inclusion Requirement	Data Element Description
1	01 to 01	1	Record Type Code	N	1	Mandatory	Identifies the record as a File Header Record.
2	02 to 03	2	Priority Code	N	01	Mandatory	Default value. May identify a file-handling priority at a future date.
3	04 to 13	10	Immediate Destination	N	bTTTTAAAAC	Mandatory	Receiving ACH Operator's Routing Number. b = Blank TTTT = Federal Reserve Routing Symbol AAAA = ABA Institution Identifier C = Check digit
4	14 to 23	10	Immediate Origin	N	bTTTTAAAAC	Mandatory	Employer bank's Routing Number. b = Blank TTTT = Federal Reserve Routing Symbol AAAA = ABA Institution Identifier C = Check digit
5	24 to 29	6	File Creation Date	Date		Mandatory	Date the file is created by the ODFI (YYMMDD).
6	30 to 33	4	File Creation Time	N		Optional	Time of day the file is created by the ODFI (HHMM).
7	34 to 34	1	File ID Modifier	A/N	A	Mandatory	Uniquely identifies a file when multiple files are created on the same date and between the same participants.
8	35 to 37	3	Record Size	N	094	Mandatory	Count of characters in each record.
9	38 to 39	2	Blocking Factor	N	10	Mandatory	Number of physical records within a block.
10	40 to 40	1	Format Code	N	1	Mandatory	Default value. May be used to identify format variations at a future date.
11	41 to 63	23	Immediate Destination Name	A/N	SDU name	Optional	Name of the receiving point for which the file is destined.
12	64 to 86	23	Immediate Origin Name	A		Optional	Name of the ACH or receiving point sending the file.
13	87 to 94	8	Reference Code	A/N		Optional	Used to include information pertinent to the Originator.

Company/Batch Header Record Format – Record Type 5							Table 2
Field	Position	Length	Data Element	Format	Mandatory Values	Inclusion Requirement	Data Element Description
1	01 to 01	1	Record Type Code	N	5	Mandatory	Identifies the record as a Company/ Batch Header Record.
2	02 to 04	3	Service Class Code	N	220	Mandatory	Identifies the dollar type entries to be exchanged. The value must be "220."
3	05 to 20	16	Company Name	A/N		Mandatory	Identifies the employer by name.
4	21 to 40	20	Company Discretionary Data	A/N	EMPFEINXX	Optional	Contains data meaningful to the employer. May refer payroll service provider client ¹ See employer FEIN information below.
5	41 to 50	10	Company Identification	A/N	1NNNNNNNNN	Mandatory	Number "1" followed by the employer's FEIN (Federal Employer Identification Number).
6	51 to 53	3	Standard Entry Class Code	A/N	CCD or CTX	Mandatory	Identifies the type of entry.
7	54 to 63	10	Company Entry Description	A/N		Mandatory	Describes the type of transaction. Example: CHISUPPORT
8	64 to 69	6	Company Descriptive Date	Date	YYMMDD ²	Optional	Meaningful date to the employer.
9	70 to 75	6	Effective Entry Date	Date	YYMMDD	Mandatory	Date on which the entries should settle. This date must be one or two days following the ACH processing date.
10	76 to 78	3	Settlement Date	N		Mandatory	Julian date the ODFI is scheduled to be debited by the Federal Reserve. Inserted by the ACH Operator.
11	79 to 79	1	Originator Status Code	A/N	1	Mandatory	Identifies the ODFI as a financial institution bound by the ACH rules.
12	80 to 87	8	Originating DFI Identification	A/N	TTTTAAAA	Mandatory	Identifies the ODFI originating the entries. TTTT = Federal Reserve Routing Symbol AAAA = ABA Institution Identifier
13	88 to 94	7	Batch Number	N		Mandatory	Number assigned by the ODFI to identify the batch.

¹ If an employer uses a payroll processor to create and transmit EFT files, the processor should use this field to enter the employer's FEIN without the dash, just the 9 digits.

² Mandatory values if the optional field is used.

CCD+ Entry Detail Record Format – Record Type 6							Table 3
Field	Position	Length	Data Element	Format	Mandatory Values	Inclusion Requirement	Data Element Description
1	01 to 01	1	Record Type Code	N	6	Mandatory	Identifies the record as an Entry Detail Record.
2	02 to 03	2	Transaction Code	N	22	Mandatory	Identifies the credit as a deposit to a checking account.
3	04 to 11	8	Receiving DFI Identification	A/N		Mandatory	Identifies the RDFI receiving the entries.
4	12 to 12	1	Check Digit	N	1	Mandatory	Ninth digit of the RDFI's Routing Number. Validates the number to insure it was not altered during transmission.
5	13 to 29	17	DFI Account Number	A/N		Mandatory	SDU Bank Account Number.
6	30 to 39	10	Amount	Currency		Mandatory	Dollar amount of the employee's child support obligation. \$0 must not be entered unless the record is serving as a pre-note.
7	40 to 54	15	Identification Number	A/N		Optional	Number meaningful to the employer for tracing purposes.
8	55 to 76	22	Receiving Company Name	A/N		Mandatory	Name of the SDU to which the employer/state makes payments.
9	77 to 78	2	Discretionary Data	A/N		Optional	Codes significant to the ODFI.
10	79 to 79	1	Addenda Record Indicator	N	1	Mandatory	Indicates the existence of an Addenda Record.
11	80 to 94	15	Trace Number	N		Mandatory	Number that uniquely identifies the entry. 80 to 87: Routing Number of the ODFI 88 to 94: Entry Detail Sequence Number - assigned in ascending order to entries within each batch.

CCD+ Addenda Record Format – Record Type 7							Table 4
Field	Position	Length	Data Element	Format	Mandatory Values	Inclusion Requirement	Data Element Description
1	01 to 01	1	Record Type Code	N	7	Mandatory	Identifies the record as an Addenda Record.
2	02 to 03	2	Addenda Type Code	N	05	Mandatory	Associates the record with its Entry Detail Record.
3	04 to 83	80	DED Segment	A/N		Mandatory	Contains payment information corresponding to the child support account.
DED Segment begins.							
	3/3		Segment Identifier	ID	DED	Mandatory	Indicates the beginning of the DED Segment.
	1		Delimiter	A	*	Mandatory	
DED01	2/2		Application Identifier	ID	CS	Mandatory	Indicates the type of deduction being withheld from an employee's paycheck.
	1		Delimiter	A	*	Mandatory	
DED02	1/20		Case Identifier	A/N	NNNNNNNNN	Mandatory	Contains the non-custodial parent's child support account number.
	1		Delimiter	A	*	Mandatory	
DED03	6/6		Pay Date	DT	YYMMDD	Mandatory	Provides the date income was withheld from an employee's paycheck.
	1		Delimiter	A	*	Mandatory	
DED04	1/10		Payment Amount	N2		Mandatory	Provides the amount withheld from the employee's paycheck for the pay period. Must not be \$0 unless the Employment Terminator Indicator has a value of "Y."
	1		Delimiter	A	*	Mandatory	
DED05	9/9		NCP Social Security Number	AN	NNNNNNNNN	Mandatory	Provides the non-custodial parent's Social Security number.
	1		Delimiter	A	*	Mandatory	
DED06	1/1		Medical Support Indicator	A/N	Y or N	Mandatory	Indicates whether the employer offers family medical insurance coverage.
	1		Delimiter	A	*	Mandatory	
DED07	1/10		NCP Name	A/N		Mandatory	Contains the first seven letters of the non-custodial parent's last name, followed by the first three letters of his/her name.
	1		Delimiter	A	*	Mandatory	
DED08	5/7		FIPS Code	A/N	NNNNN	Optional	Contains the FIPS Code of the county to which the payer remits payments.
	1		Delimiter	A	*	Mandatory	
DED09	1/1		Employment Termination Indicator	A/N	Y	Optional ¹	Contains a value of "Y" if the employee has terminated employment.
	1		Segment Terminator	A	\	Mandatory	
DED Segment terminates.							
4	84 to 87	4	Addenda Sequence Number	N		Mandatory	Number consecutively assigned to each Addenda Record following the Entry Detail Record. The first Addenda Sequence Number must always be 0001.
5	88 to 94	7	Entry Detail Sequence Number	N			Contains the ascending sequence number section of the Entry Detail Record's Trace Number. The number is the same as the last seven digits of the Trace Number contained in the related Entry Detail Record.

¹ The omission of an optional element is noted by the placement of an asterisk in the place of that element. If an optional data element is the last data element in a segment and that field is not being used, the preceding asterisk is replaced by a backslash.

CCD+ Addenda Record Format – Record Type 8							Table 5
Field	Position	Length	Data Element	Format	Mandatory Values	Inclusion Requirement	Data Element Description
1	01 to 01	1	Record Type Code	N	8	Mandatory	Identifies the record as a Company/ Batch Control Record. The value must be "8."
2	02 to 04	3	Service Class Code	N	220	Mandatory	Identifies the dollar type entries to be exchanged. The value must match the value in the corresponding field of the Company/Batch Header Record.
3	05 to 10	6	Entry/Addenda Count	N		Mandatory	Number of Entry Detail and Addenda Records in the batch.
4	11 to 20	10	Entry Hash	N		Mandatory	Arithmetic sum of the Receiving DFI Identification fields in Entry Detail Records in the batch. If the sum is more than ten digits, the entry is the last ten digits of the sum.
5	21 to 32	12	Total Debit Amount	Currency	000000000000	Mandatory	Must be blank. The SDUs do not accept ACH debits.
6	33 to 44	12	Total Credit Amount	Currency		Mandatory	Accumulated Entry Detail Record credit totals.
7	45 to 54	10	Company Identification	A/N	1NNNNNNNNN	Mandatory	The number "1" followed by the employer's EIN (IRS Employer Identification Number).
8	55 to 73	19	Message Authentication Code	A/N		Optional	Validates the authenticity of ACH entries using the DES algorithm.
9	74 to 79	6	Reserved	Blank		N/A	Reserved for future use by the ACH.
10	80 to 87	8	Originating DFI Identification	A/N	TTTTAAAA	Mandatory	Identifies the ODFI originating the entries. TTTT = Federal Reserve Routing Symbol AAAA = ABA Institution Identifier
11	88 to 94	7	Batch Number	N		Mandatory	Number assigned by the ODFI to identify the batch.

File Control Record Format – Record Type 9							Table 6
Field	Position	Length	Data Element	Format	Mandatory Values	Inclusion Requirement	Data Element Description
1	01 to 01	1	Record Type Code	N	9	Mandatory	Identifies the record as a File Control Record.
2	02 to 07	6	Batch Count	N		Mandatory	Number of Company/Batch Header records in the file.
3	08 to 13	6	Block Count	N		Mandatory	Number of physical blocks in the file.
4	14 to 21	8	Entry/Addenda Count	N		Mandatory	Number of Entry Detail and Addenda Records in the file.
5	22 to 31	10	Entry Hash	N		Mandatory	Sum of the corresponding fields in the Company/Batch Control Records.
6	32 to 43	12	Total Debit	Currency	000000000000	Mandatory	Must be blank. The SDUs do not accept ACH debits.
7	44 to 55	12	Total Credit	Currency		Mandatory	Accumulated Company/Batch Control Record credit totals.
8	56 to 94	39	Reserved	N/A		N/A	Reserved for future use by the ACH

CTX Entry Detail Record Format – Record Type 6							Table 7
Field	Position	Length	Data Element	Format	Mandatory Values	Inclusion Requirement	Data Element Description
1	01 to 01	1	Record Type Code	N	6	Mandatory	Identifies the record as an Entry Detail Record.
2	02 to 03	2	Transaction Code	N	22	Mandatory	Identifies the credit as a deposit to a checking account.
3	04 to 11	8	Receiving DFI Identification	A/N		Mandatory	Identifies the RDFI receiving the entries.
4	12 to 12	1	Check Digit	N	1	Mandatory	Ninth digit of the RDFI's Routing and Transit Number. Validates the number to insure it was not altered during transmission.
5	13 to 29	17	DFI Account Number	A/N		Mandatory	SDU Bank Account Number.
6	30 to 39	10	Amount	Currency		Mandatory	Dollar amount of the employee's child support obligation. \$0 must not be entered unless the record is serving as a pre-note.
7	40 to 54	15	Identification Number	A/N		Optional	Number meaningful to the employer for tracing purposes.
8	55 to 58	4	Number of addenda records	N		Mandatory	Count of Addenda Records associated with the Entry Detail Record.
9	59 to 74	16	Receiving Company Name	A/N		Mandatory	Name of the SDU to which the employer/state makes payments.
10	75 to 76	2	Reserved	Blank	Bb	N/A	Reserved for future ACH use.
11	77 to 78	2	Discretionary Data	A/N		Optional	Codes significant to the ODFI.
12	79 to 79	1	Addenda Record Indicator	N	1	Mandatory	Indicates the existence of an Addenda Record.
13	80 to 94	15	Trace Number	N		Mandatory	Number that uniquely identifies the entry. 80 to 87: Routing Number of the ODFI 88 to 94: Entry Detail Sequence Number - assigned in ascending order to entries within each batch.

CTX Addenda Record Format – Record Type 7							Table 8
Field	Position	Length	Data Element	Format	Mandatory Values	Inclusion Requirement	Data Element Description
1	01 to 01	1	Record Type Code	N	7	Mandatory	Identifies the record as an Addenda Record.
2	02 to 03	2	Addenda Type Code	N	05	Mandatory	Associates the record with its Entry Detail Record.
3	04 to 83	80	A820 Transaction Set	A/N	See Attachment II	Mandatory	Contains payment information corresponding to the child support account.
4	84 to 87	4	Addenda Sequence Number	N		Mandatory	Number consecutively assigned to each Addenda Record following the Entry Detail Record. The first Addenda Sequence Number must always be 0001.
5	88 to 94	7	Entry Detail Sequence Number	N			Contains the ascending sequence number section of the Entry Detail Record's Trace Number. The number is the same as the last seven digits of the Trace Number contained in the related Entry Detail Record.

A820 Transaction Set					Table 9
Field	Field Length	Data Element	Inclusion Requirement	Mandatory Values	
	3/3	Segment name	Mandatory	ISA	Identifies the segment.
	1/1	Data Element Separator	Mandatory	*	
ISA01	2/2	Authorization Information Qualifier	Mandatory		Identifies the type of information in the Authorization Information field.
	1/1	Data Element Separator	Mandatory	*	
ISA02	10/10	Authorization Information	Mandatory		Provides additional identification of the sender or data in the interchange.
	1/1	Separator	Mandatory	*	
ISA03	2/2	Security Information Qualifier	Mandatory		Identifies the type of information in the Security Information field.
	1/1	Data Element Separator	Mandatory	*	
ISA04	10/10	Security Information	Mandatory		Provides security information about the sender or the data in the interchange.
	1/1	Data Element Separator	Mandatory	*	
ISA05	2/2	Interchange ID Qualifier	Mandatory		Provides the system/method of code structure used to designate the Sender or Receiver ID element being qualified.
	1/1	Data Element Separator	Mandatory	*	
ISA06	15/15	Interchange Sender ID	Mandatory		Provides the code published by the Sender for parties to use as the Receiver ID to route data.
	1/1	Data Element Separator	Mandatory	*	
ISA07	2/2	Interchange ID Qualifier	Mandatory		Designates the system/method of code structure used to designate the Sender or Receiver ID element being qualified.
	1/1	Data Element Separator	Mandatory	*	
ISA08	15/15	Interchange Receiver ID	Mandatory		Code published by the Receiver to identify the Sender.
	1/1	Data Element Separator	Mandatory	*	
ISA09	6/6	Interchange Date	Mandatory		Indicates the date of the interchange.

A820 Transaction Set					Table 9
	1/1	Data Element Separator	Mandatory	*	
ISA10	4/4	Interchange Time	Mandatory		Indicates the time of the interchange. Hours = 00 to24.
	1/1	Data Element Separator	Mandatory	*	
ISA11	1/1	Interface Control Standards Identifier	Mandatory		Identifies the agency responsible for the control standard applied to the message enclosed by the Interchange Header (ISA) and Trailer (IEA).
	1/1	Data Element Separator	Mandatory	*	
ISA12	5/5	Interchange Version Control Number	Mandatory		Version number of the interchange control segments.
	1/1	Data Element Separator	Mandatory	*	
ISA13	9/9	Interchange Control Number	Mandatory		With the Sender ID, this number uniquely identifies the interchange data to the receiver. This number must be the same as the value in IES02.
	1/1	Data Element Separator	Mandatory	*	
ISA14	1/1	Acknowledgment Requested	Mandatory		Used by the sender to request an interchange acknowledgment.
	1/1	Data Element Separator	Mandatory	*	
ISA15	1/1	Test Indicator	Mandatory		Indicates if the data in the interchange is test or production.
	1/1	Data Element Separator	Mandatory	*	
ISA16	1/1	Sub-element Separator	Mandatory		Reserved for future expansion.
	1/1	Segment Separator	Mandatory	\	
	2/2	Segment Name	Mandatory	GS	
	1/1	Data Element Separator	Mandatory	*	
GS01	2/2	Functional Identifier Code	Mandatory		Identifies a group of application related transaction sets. For the 820 Payment Order/Remittance Advice, the value is "RA."
	1/1	Data Element Separator	Mandatory	*	
GS02	2/15	Application Senders Code	Mandatory		Identifies the Sender.
	1/1	Data Element Separator	Mandatory	*	
GS03	2/15	Application Receivers Code	Mandatory		Identifies the Receiver.
	1/1	Data Element Separator	Mandatory	*	
GS04	6/6	Date	Mandatory		YYMMDD
	1/1	Data Element Separator	Mandatory	*	
GS05	4/6	Time	Mandatory		HHMMSS. H = 00-24. SS is optional.
	1/1	Data Element Separator	Mandatory	*	
GS06	1/9	Group Control Number	Mandatory		Number assigned and maintained by the Sender; must be identical to the number in GE02.
	1/1	Data Element Separator	Mandatory	*	
GS07	1 / 2	Responsible Agency code	Mandatory		Used with GS08 to identify the issuer of the standard.
	1/1	Data Element Separator	Mandatory	*	
GS08	1/12	Version/Release/ Industry Identifier Code	Mandatory		Indicates the version, release, sub-release and industry identifier of the EDI standard being used. Positions 1-3 designate the Version Number; Positions 4-6 designate the Release and Sub-release level of the version; Positions 7-12 designate the Industry or Trade Association ID.
	1/1	Segment Separator	Mandatory	*	

A820 Transaction Set					Table 9
	2/2	Segment Name	Mandatory	ST	Identifies the segment.
ST01	3/3	Transaction Set Identifier Code	Mandatory		Uniquely identifies the transaction set. The value must be "820".
	1/1	Data Element Separator	Mandatory	*	
ST02	4/9	Transaction Set Control number	Mandatory		Unique control number assigned by the originating company.
	1/1	Segment Separator	Mandatory	*	
	3/3	Segment Name	Mandatory	BPR	
BPR01	1/1	Transaction Code	Mandatory		Designates the action to be taken.
	1/1	Data Element Separator	Mandatory	*	
BPR02	1/15	Monetary Amount	Mandatory		Total amount of all of the payments sent. The number will include the decimal point.
	1/1	Data Element Separator	Mandatory		
BPR03	1/1	Credit/Debit Code	Mandatory	C	"C" indicates a credit to the receiver and a debit to the originator.
	1/1	Data Element Separator	Mandatory	*	
BPR04	3/3	Payment Method Code	Mandatory		Indicates the transfer method.
	1/1	Data Element Separator	Mandatory	*	
BPR05	1/10	Payment Format	Optional		Identifies the payment format used.
	1/1	Data Element Separator	Conditional	* if BPR05 is populated	
BPR06	2/2	DFI ID Number Qualifier	Optional		Indicates the type of ID used by the DFI. If the field is populated, BPR07 must be populated.
	1/1	Data Element Separator	Conditional	* if BPR06 is populated	
BPR07	3/12	DFI Identification Number	Optional		Originating Financial Institution Identifier. If this field is populated, BPR06 must be populated.
	1/1	Data Element Separator	Conditional	* if BPR07 is populated	
BPR08	2/2	Account Number Qualifier Code	Optional		The Originating Financial Institution account number qualifier. If the field is populated, BPR09 must be populated.
	1/1	Data Element Separator	Conditional	* if BPR08 is populated	
BPR09	1/35	Account Number	Optional		Originating Company's account number. This field is required if BPR08 is populated.
	1/1	Data Element Separator	Conditional	* if BPR09 is populated	
BPR10	10/10	Originating Company Identifier	Optional		Company ID: The number "1" followed by the FEIN.
	1/1	Data Element Separator	Conditional	* if BPR10 is populated	
BPR11	9/9	Originating Company Supplemental Code	Optional		Code defined between the Originator and the Originating Depository Financial Institution that uniquely identifies the company initiating the transfer.
	1/1	Data Element Separator	Conditional	* if BPR11 is populated	
BPR12	2/2	DFI ID Number Qualifier	Optional		Code used for the type of ID number used by the DFI. If this field is populated, BPR13 must be populated.

A820 Transaction Set					Table 9
	1/1	Data Element Separator	Conditional	* if BPR12 is populated	
BPR13	3/12	DFI Identification Number	Optional		Receiving Financial Institution Number. If this field is populated, BPR12 must be populated.
	1/1	Data Element Separator	Conditional	* if BPR13 is populated	
BPR14	2/2	Account Number Qualifier Code	Optional		Identifies the Receiving Financial Institution bank account type. If this field is populated, BPR15 must be populated.
	1/1	Data Element Separator	Conditional	* if BPR14 is populated	
BPR15	1/35	Account Number	Optional		Receiver's bank account number. This field is required if BPR14 is populated.
	1/1	Data Element Separator	Conditional	* if BPR15 is populated	
BPR16	6/6	Effective Entry Date	Optional		Date the Originator intends for the transaction to be settled.
	1/1	Segment Separator	Conditional	* if BPR16 is populated	
	3/3	Segment Name	Mandatory	TRN	Identifies the segment.
TRN01	1/2	Trace Type Code	Mandatory		Identifies which transaction is being referenced.
	1/1	Data Element Separator	Mandatory	*	
TRN02	1/30	Reference Number	Mandatory		Contains the reference number that identifies the payment order/remittance advice. This number is unique between Sender and Receiver.
	1/1	Data Element Separator	Mandatory	*	
TRN03	10/10	Originating Company Identifier	Optional		Company ID: The number "1" followed by the FEIN.
	1/1	Data Element Separator	Conditional	* if TRN03 is populated	
TRN04	1/30	Reference Number	Optional		Uniquely identifies a sub-division within a company.
	1/1	Segment Separator	Conditional	* if TRN04 is populated	
	3/3	Segment Name	Mandatory	DED	Identifies the segment.
DED01	2/2	Application Identifier	Mandatory	CS	Indicates the type of deduction being withheld from an employee's paycheck.
	1/1	Data Element Separator	Mandatory	*	
DED02	1/20	Case Identifier	Mandatory	NNNNNNNNN	Contains the non-custodial parent's case identifier
	1/1	Data Element Separator	Mandatory	*	
DED03	6/6	Pay Date	Mandatory		Provides the date income was withheld from an employee's paycheck.
	1/1	Data Element Separator	Mandatory	*	
DED04	1/10	Payment Amount	Mandatory		Provides the amount withheld from the employee's paycheck for the pay period. Must not be \$0 unless the Employment Terminator Indicator has a value of "Y."
	1/1	Data Element Separator	Mandatory	*	

A820 Transaction Set					Table 9
DED05	9/9	NCP Social Security Number	Mandatory	NNNNNNNNN	Provides the non-custodial parent's Social Security Number.
	1/1	Data Element Separator	Mandatory	*	
DED06	1/1	Medical Support Indicator	Mandatory		Indicates whether the employer offers family medical insurance coverage. "Y" = Yes; "N" = No
	1/1	Data Element Separator	Mandatory	*	
DED07	1/10	NCP Name	Mandatory		Contains the first seven letters of the non-custodial parent's last name, comma, and first three letters of his /her name.
	1/1	Data Element Separator	Mandatory	*	
DED08	5/7	FIPS Code	Optional	See Table 10	Contains the FIPS Code of the county to whom the employer remits payments.
	1/1	Data Element Separator	Mandatory	*	
DED09	1/1	Employment Termination Indicator	Optional		Contains a value of "Y" if the employee has terminated employment.
	1/1	Segment Separator	Mandatory	\	
	2/2	Segment Name	Mandatory	SE	Identifies the segment.
	1/1	Data Element Separator	Mandatory	*	
SE01	1/6	Number of Included Segments	Mandatory		Total number of segments included in the transaction set, including the ST and SE segments.
	1/1	Data Element Separator	Mandatory	*	
SE02	4/9	Transaction Set control Number	Mandatory		Identifying control number assigned by the Originator.
	1/1	Segment Separator	Mandatory	\	
	2/2	Segment Name	Mandatory	GE	
GE01	1/6	Number of Transactions Sets Included	Mandatory		Total number of transaction sets included in the functional group or interchange group terminated by the trailer.
	1/1	Data Element Separator	Mandatory	*	
GE02	1/9	Group Control Number	Mandatory		Number assigned by the sender; must be identical to the number contained in GS06.
	1/1	Segment Separator	Mandatory	*	
	3/3	Segment name	Mandatory	IEA	Identifies the segment.
	1/1	Data Element Separator	Mandatory	*	
IEA01	1/5	Number of included functional groups	Mandatory		Count of the number of functional groups included in the transmission.
	1/1	Data Element Separator	Mandatory	*	
IEA02	9/9	Interchange Control Number	Mandatory		Assigned by the Sender to uniquely identify the interchange data. Together with the Sender ID it uniquely identifies the interchange data to the Receiver. This number must be the same as the value in ISA13.
	1/1	Segment Separator	Mandatory	\	