



# NACHA File Specifications

Prearranged Payment and Deposit-PPD  
Cash Concentration or Disbursement-CCD  
Corporate Trade Exchange-CTX

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**GENERAL INFORMATION**

Please refer to the information below for the fields needed for a successful file upload.

**Field Inclusion Requirements**

**Mandatory and Required:** Complete all fields marked “Mandatory” and “Required” in order to completely submit. Generally, a “Required” field needs a specific value (e.g. for file header record, field 11) Enter “TexasBank” for the immediate destination.

**Optional:** You can decide whether or not to include data.

**Note(s):**

- Offset records are required. TexasBank ONLY accepts balanced files.
- ACH Pre-note transactions are recommended, but not required.
- Highlight rows indicate TexasBank required values.

**Field Content Requirements**

Content Type	Acceptable Characters	Alignment Justification
Numeric	0 through 9	<b>RIGHT JUSTIFY</b> all using zeros to fill the remainder of the field unless indicated otherwise.
Alphabetic	A through Z, a through z	<b>LEFT JUSTIFY</b> fields using blank spaces to fill the remainder of the field unless indicated otherwise.
Alphanumeric	0 through 9, A through Z, a through z  The following symbols and special characters are allowed: . / ( ) & ' - <b>and spaces</b>  Unless otherwise noted.	<b>LEFT JUSTIFY</b> fields using blank spaces to fill the remainder of the field unless indicated otherwise.

**FILE HEADER RECORD (1)**

Field No.	Field Position	Field Length	Field Name	File Contents	Required	Comments
1	1-1	1	RECORD TYPE CODE	<b>1</b>	M	Fill field using value indicated under ‘File contents’ column. (e.g., “1”)
2	2-3	2	PRIORITY CODE	<b>01</b>	R	Fill field using value indicated under ‘File contents’ column. (e.g., “01”)
3	4-13	10	IMMEDIATE DESTINATION	<b>111902424</b>	R, C	Fill field using value indicated under ‘File contents’ column. “b” represents a blank space.
4*	14-23	10	IMMEDIATE ORIGIN	<b>1XXXXXXXXX</b>	R, C	Fill field using value indicated under ‘File contents’ column. e.g., “1+Company TAX ID Number” (or if SFTP use a 9)
5	24-29	6	FILE CREATION DATE	<b>YYMMDD</b>	M	Must be in YYMMDD format. Must be before the effective entry date in the batch header record field No. 9.

6	30-33	4	FILE CREATION TIME	HHMM	O	Must be in HHMM format.
7	34-34	1	FILE ID MODIFIER	ALPHANUMERIC	M	Must be UPPERCASE A-Z or 0-9. No symbols allowed for this field.
8	35-37	3	RECORD SIZE	094	M	Fill field using value indicated under 'File contents' column. (e.g., "094")
9	38-39	2	BLOCKING FACTOR	10	M	Fill field using value indicated under 'File contents' column. (e.g., "10")
10	40-40	1	FORMAT CODE	1	M	Fill field using value indicated under 'File contents' column. (e.g., "1")
11	41-63	23	IMMEDIATE DESTINATION NAME	TEXASBANK	R, C	Fill field using value indicated under 'File contents' column (e.g., "TEXASBANK") Must be left justified and blank space filled.
12	64-86	23	IMMEDIATE ORIGIN NAME	ALPHANUMERIC	O	This is your company's name in all capital letters. Must be left-justified and blank space filled.
13	87-94	8	REFERENCE CODE	LEAVE BLANK	O	Fill field with 8 blank spaces.

M=Mandatory; R=Required; O=Optional; C= TexasBank Required Value

**BATCH HEADER RECORD (5)**

Field No.	Field Position	Field Length	Field Name	File Contents	Required	Comments
1	1-1	1	RECORD TYPE CODE	5	M	Fill field using value indicated under 'File contents' column. (e.g., "5")
2	2-4	3	SERVICE CLASS CODE	200	M	Fill field using value indicated under 'File contents' column.(e.g., "200") "220" credits only. "225" debits only. "200" mixed debits and credits
3	5-20	16	COMPANY NAME	ADD COMPANY NAME	R	Fill field with 16 blank spaces or your company name.
4	21-40	20	COMPANY DISCRETIONARY DATA	NUMERIC	R	Enter your TexasBank funding account number. Must be right-justified and zero-filled. If left blank, TexasBank will allow you to assign an account. This is the 'Pay from' account for payments. This is the 'Deposit to' account for reversals and collections
5	41-50	10	COMPANY IDENTIFICATION	NUMERIC	R, C	Fill field using value indicated under 'File contents' column. (e.g., "1+Company TAX ID Number")

6	51-53	3	STANDARD ENTRY CLASS CODE	CCD or PPD or CTX	R, C	<p>Fill field using value indicated under 'File contents' column.</p> <p>For payroll transactions, this must be PPD For ACH payments (Credits) can be PPD, CCD or CTX For ACH Collections (Debits), can be CCD or CTX</p>
7	54-63	10	COMPANY ENTRY DESCRIPTION	CUSTOMER-ENTERED VALUE or PAYROLL or REVERSAL	R, C	<p>'File contents' column.</p> <ul style="list-style-type: none"> <li>If the batch consists of payroll transactions, the company entry description must be "PAYROLL".</li> <li>If the batch contains reversal requests this must be "REVERSAL".</li> <li>The following transaction types are not supported: "NONSETTLED", "RECLAIM", "RETRY PMT" and "RETURN FEE" and will be displayed as an error.</li> </ul> <p>Note: If field 6 is CCD for the batch, then "PAYROLL" cannot be entered in this field. <b>When the value is not "PAYROLL" or "REVERSAL", the batch will be processed as a CCD payment</b></p>
8	64-69	6	COMPANY DESCRIPTIVE DATE	NUMERIC	O	Example: "013126" (January 31, 2026)
9	70-75	6	EFFECTIVE ENTRY DATE*	YYMMDD	R	Must be in YYMMDD format. Must be greater than the file creation date in the file header record, field no. 5
10	76-78	3	SETTLEMENT DATE (JULIAN)	LEAVE BLANK	R	This field can be left blank.
11	79-79	1	ORIGINATOR STATUS CODE	1	M	Fill field using value indicated under 'File contents' column.
12	80-87	8	ORIGINATING DFI IDENTIFICATION	11190242	R, C	Enter the first 8 digits of TexasBank routing number. Fill field using value indicated under 'File contents' column. (e.g., "11190242")
13	88-94	7	BATCH NUMBER	NUMERIC	M	Example: Start with 0000001 and increment by 1 for each next batch.

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ENTRY DETAIL RECORD (6)

Field No.	Field Position	Field Length	Field Name	File Contents	Required	Comments
1	1-1	1	RECORD TYPE CODE	6	M	Fill field using value indicated under 'File contents' column.(e.g., "6")
2	2-3	2	TRANSACTION CODE	22 or 27	M	<b>Transaction code is used to identify the type of account for the debit or credit.</b> <b>For ACH Payments (credit transaction) transactions:</b> 22 for checking accounts 32 for savings accounts. <b>For ACH Collections/Reversals (debit transactions) :</b> 27 for checking accounts 37 for savings accounts. <b>Note: Pre-note transactions are identified with 23, 28, 33, or 38.</b>
3	4-11	8	RECEIVING DFI ID	NUMERIC	M	Fill field with first eight digits of the recipient's routing number.
4	12-12	1	CHECK DIGIT	NUMERIC	M	The last number in the recipient's 9-digit routing number.
5	13-29	17	DFI ACCOUNT NUMBER	ALPHANUMERIC	R	Must be left-justified and blank space filled.
6	30-39	10	DOLLAR AMOUNT	NUMERIC	M	Must be formatted as \$\$\$\$\$\$cc. Must be right-justified and zero filled.
7	40-54	15	INDIVIDUAL IDENTIFICATION NUMBER	ALPHANUMERIC	M, C	Must be UPPERCASE A-Z or 0-9. No symbols allowed for this field. Must be left justified and blank space filled. Please do not include SSN.
8	55-76	22	INDIVIDUAL or RECEIVING COMPANY NAME	ALPHANUMERIC	R	Must be upper or lowercase A-Z or numerals 0-9. Must be left justified and blank space filled. Special characters . / () & ' - and spaces allowed.
9	77-78	2	DISCRETIONARY DATA	LEAVE BLANK	O	Fill field with blank spaces.
10	79-79	1	ADDENDA RECORD INDICATOR	0 or 1	M	0 if no addenda record. 1 if addenda record.
11	80-94	15	TRACE NUMBER	111902424	M	Enter the first 8 digits of originating DFI identification such as, Texas Bank routing number, followed by the entry detail sequence number.

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**ADDENDA RECORD (7)\***

Field No.	Field Position	Field Length	Field Name	File Contents	Required	Comments
1	1-1	1	RECORD TYPE CODE	7	M	Fill field using value indicated under 'File contents' column.
2	2-3	2	ADDENDA TYPE CODE	05	M	Fill field using value indicated under 'File contents' column.
3	4-83	80	PAYMENT RELATED INFORMATION	ALPHANUMERIC	O	Invoice information or any other pertinent information that the vendor needs to reconcile the payment. No symbols allowed for this field, except for: ( ) ! # \$ % & ' * + - . / : ; = ? @ [ ] ^ { } .
4	84-87	4	ADDENDA SEQUENCE NUMBER	0001	M	This number indicates the number of addenda records being sent with the associated Entry Detail Record. Since only one addenda sequence number is allowed per six (6) record in the CCD and PPD application, this field will always be "0001".
5	88-94	7	ENTRY DETAIL SEQUENCE NUMBER	NUMERIC	M	This field contains the ascending sequence number of the related entry detail record's trace number. This number is the same as the last 7 digits of the trace number of the related entry detail record.

**M**=Mandatory; **R**=Required; **O**=Optional

\*This record must be included within your file if the ADDENDA RECORD INDICATOR of the preceding Entry Detail Record (6 Record, Field 10, Positions 79-79) is flagged with a "1".

**BATCH CONTROL RECORD (8)**

Field No.	Field Position	Field Length	Field Name	File Contents	Required	Comments
1	1-1	1	RECORD TYPE CODE	8	M	Fill field using value indicated under 'File contents' column. (e.g., "8")
2	2-4	3	SERVICE CLASS CODE	220 or 225	M	Fill field using value indicated under 'File contents' column. (e.g., "220, 225") "220" should be used when all the transactions in the batch are ACH credits "225" – should be used when all the transactions in the batch are ACH debits Mixed batches are not supported
3	5-10	6	ENTRY/ADDENDA COUNT	NUMERIC	M	Must equal the total number of detail entry records and addenda records within the batch.
4	11-20	10	ENTRY HASH	NUMERIC	M	The sum of the value(s) in the receiving DFI identification (field 3, positions 4-11) for every entry detail record (6) in the batch.
5	21-32	12	TOTAL DEBIT ENTRY DOLLAR AMOUNT	NUMERIC	M	Must equal the total debit dollar amount in the batch. Must be formatted as "\$\$\$\$\$\$\$\$\$\$cc". Must be right-justified and zero filled.
6	33-44	12	TOTAL CREDIT ENTRY DOLLAR AMOUNT	NUMERIC	M	Must equal the total credit dollar amount in the batch. Must be formatted as "\$\$\$\$\$\$\$\$\$\$cc". Must be right-justified and zero filled.
7	45-54	10	COMPANY IDENTIFICATION	NUMERIC	R, C	Must match the batch header record, field 5 e.g., "1+Company TAX ID Number")
8	55-73	19	MESSAGE AUTHENTICATION CODE	BLANK	O	Fill field with blank spaces.
9	74-79	6	RESERVED	BLANK	N/A	Fill field with blank spaces.
10	80-87	8	ORIGINATING DFI IDENTIFICATION	11190242	M	Same as in the batch header record, field 12 (ORIGINATING DFI IDENTIFICATION) Enter the first 8 digits of Texas-Bank routing number. Fill Field using value indicated under 'File content column.
11	88-94	7	BATCH NUMBER	NUMERIC	M	Same as in the batch header record, field 13 (Trace routing number).

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FILE CONTROL RECORD (9)

Field No.	Field Position	Field Length	Field Name	File Contents	Required	Comments
1	1-1	1	RECORD TYPE CODE	9	M	Fill field using value indicated under 'File contents' column (e.g., "9").
2	2-7	6	BATCH COUNT	NUMERIC	M	Must be equal to the number of batches in the file.
3	8-13	6	BLOCK COUNT	NUMERIC	M	Must be equal to the number of blocks in the file. e.g., - 10 lines of data equal '1' block.
4	14-21	8	ENTRY/ADDENDA COUNT	NUMERIC	M	Must be equal to the number of detail and addenda records in the file.
5	22-31	10	ENTRY HASH	NUMERIC	M	The sum of positions 4-11 of all entry detail records in the batch. The sum of the value(s) in the receiving DFI identification (field 3, positions 4-11) for every entry detail record (6) in the file. The entry hash is the sum of the entry hash fields contained within the batch control records of the file. (e.g., sum of all field 4 of eight (8) record in the field). If the sum exceeds 10 characters, the field must be populated with the rightmost 10 characters
6	32-43	12	TOTAL DEBIT ENTRY DOLLAR AMOUNT IN FILE	NUMERIC	M	Must be equal to the total debit dollar amount in the file. Must be formatted as "\$\$\$\$\$\$\$\$\$\$¢¢". Must be right-justified and zero filled.
7	44-55	12	TOTAL CREDIT ENTRY DOLLAR AMOUNT IN FILE	NUMERIC	M	Must be equal to the total credit dollar amount in the file. Must be formatted as "\$\$\$\$\$\$\$\$\$\$¢¢". Must be right-justified and zero filled.
8	56-94	39	RESERVED	BLANK	N/A	Fill field with blank spaces.

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