



NACHA File Specifications

Chase for Business | Chase Connect

Cash Concentration or Disbursement – (CCD)

Prearranged Payment and Deposit – (PPD)

Internet-initiated/mobile entry – (WEB)

June 2019

Last Modified: June 9, 2019

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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**: You need to complete all fields marked “Mandatory” and “Required” in order to completely submitted. Generally, for a “Required” field we need a specific value (e.g. for file header record, field 11, you should put “JP Morgan Chase” for the immediate destination). See the Chase specifications document below for further details.

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

Note(s):

- Offset records are NOT required. Chase doesn’t accept balanced files.
- ACH Pre-note transactions aren’t supported.
- Highlight rows indicate Chase required values

Field Content Requirements

| Content type | Acceptable characters | Alignment justification |
|---------------------|--|---|
| NUMERIC | 0 through 9 | RIGHT JUSTIFY all using <u>zeros</u> to fill the remainder of the field unless indicated otherwise. |
| ALPHABETIC | A through Z, a through z | LEFT JUSTIFY fields using <u>blank spaces</u> 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: . / () & ' - and spaces Unless otherwise noted. | LEFT JUSTIFY fields using <u>blank spaces</u> 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 | 1 | M | Fill field using value indicated under 'File contents' column. (e.g. "1") |
| 2 | 2-3 | 2 | PRIORITY CODE | 01 | R | Fill field using value indicated under 'File contents' column. (e.g. "01") |
| 3 | 4-13 | 10 | IMMEDIATE DESTINATION | b021000021 or 0021000021 | R, C | Fill field using value indicated under 'File contents' column. (e.g. "0021000021") "b" represents a blank space. |
| 4 | 14-23 | 10 | IMMEDIATE ORIGIN | 0000000000 | R, C | Fill field using value indicated under 'File contents' column. (e.g. "0000000000") |
| 5 | 24-29 | 6 | FILE CREATION DATE | YYMMDD | M | Must be in YYMMDD format. Must be before than 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 | JPMORGAN CHASE | R, C | Fill field using value indicated under 'File contents' column (e.g. "JPMORGAN CHASE") 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**=Chase 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 | 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 Note: Mixed batches, identified with a service class code of 200 are not supported. |
| 3 | 5-20 | 16 | COMPANY NAME | LEAVE BLANK or ADD COMPANY NAME | M | Fill field with 16 blank spaces or your company name. |
| 4 | 21-40 | 20 | COMPANY DISCRETIONARY DATA | NUMERIC | R | Enter your Chase funding account number. Must be right-justified and zero filled. If left blank, Chase 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 | 0000000000 | R, C | Fill field using value indicated under 'File contents' column. (e.g. "0000000000") |
| 6 | 51-53 | 3 | STANDARD ENTRY CLASS CODE | CCD or PPD or WEB ¹ | R, C | Fill field using value indicated under 'File contents' column. <ul style="list-style-type: none"> For payroll transactions, this must be "PPD". For ACH payments (Credits) this can be "PPD" or "CCD". For ACH Collections (Debits), this can be "CCD" or "WEB" |
| 7 | 54-63 | 10 | COMPANY ENTRY DESCRIPTION | CUSTOMER-ENTERED VALUE or PAYROLL or REVERSAL | R, C | Fill field using value indicated under 'File contents' column. <ul style="list-style-type: none"> If the batch consists of payroll transactions, the company entry description must be "PAYROLL". If the batch contains reversal requests this must be "REVERSAL". The following transaction types are not supported: "NONSETTLED", "RECLAIM", "RETRY PMT" and "RETURN FEE" and will be displayed as an error. Note: If field 6 is CCD for the batch, then "PAYROLL" cannot be entered in this field. When the value is not "PAYROLL" or "REVERSAL", the batch will be processed as a CCD payment |
| 8 | 64-69 | 6 | COMPANY DESCRIPTIVE DATE | ALPHANUMERIC | O | Example: JAN 03 (January 2003) or JAN 25 (January 25) |

| | | | | | | |
|----|-------|---|-----------------------------------|--------------------|------|---|
| 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; if blank, JPMC will fill field in automatically. |
| 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 | 02100002 | R, C | Enter the first 8 digits of Chase routing number. Fill field using value indicated under 'File contents' column. (e.g. " 02100002 ") |
| 13 | 88-94 | 7 | BATCH NUMBER | NUMERIC | M | Example: Start with 0000001 and increment by 1 for each next batch. |

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¹ Per NACHA rules transactions with "WEB" as a standard entry class code may require account verification evidence.

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 | 27 or 37 | M | <p>Transaction code is used to identify the type of account for the debit or credit.</p> <p>For ACH Payments (credit transaction) transactions: 22 for checking accounts 32 for savings accounts</p> <p>For ACH Collections/Reversals (debit transactions) : 27 for checking accounts 37 for savings accounts</p> <p>Note: Pre-note transactions identified with 23, 28, 33, or 38 are not accepted and will fail validation.</p> |
| 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. When the DFI account is at Chase, a second validation will be completed to ensure the account number is valid. |
| 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. Note: This is a MANDATORY field for JPMC. 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 | NUMERIC | M | Enter the first 8 digits of originating DFI identification such as the Chase routing number (e.g. "02100002"), 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 "\$\$\$\$\$\$\$\$\$c". 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 "\$\$\$\$\$\$\$\$\$c". Must be right-justified and zero filled. |
| 7 | 45-54 | 10 | COMPANY IDENTIFICATION | 0000000000 | R, C | Must match the batch header record, field 5 (e.g. "0000000000") |
| 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 | NUMERIC | M | Same as in the batch header record, field 12 (ORIGINATING DFI IDENTIFICATION) Enter the first 8 digits of Chase routing number. Fill field using value indicated under 'File contents' column. (e.g. "02100002") |
| 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. <i>e.g. – 10 lines of data equal '1' block.</i> |
| 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 | <p>The sum of positions 4-11 of all entry detail records in the batch.</p> <p>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.</p> <p>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</p> |
| 6 | 32-43 | 12 | TOTAL DEBIT ENTRY DOLLAR AMOUNT IN FILE | NUMERIC | M | <p>Must be equal to the total debit dollar amount in the file. Must be formatted as "\$\$\$\$\$\$\$\$\$c".</p> <p>Must be right-justified and zero filled.</p> |
| 7 | 44-55 | 12 | TOTAL CREDIT ENTRY DOLLAR AMOUNT IN FILE | NUMERIC | M | <p>Must be equal to the total credit dollar amount in the file. Must be formatted as "\$\$\$\$\$\$\$\$\$c".</p> <p>Must be right-justified and zero filled.</p> |
| 8 | 56-94 | 39 | RESERVED | BLANK | N/A | Fill field with blank spaces. |

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