



Securities Processing

8.27 PAPERLESS COUPON DIRECT PRESENTATION FILE (RAPCPN): FUNCTION USER'S GUIDE

AUGUST 07, 2023

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DOCUMENT HISTORY

- 04/26/04 Create the initial versions of the RAPCPN document.
- 08/02/04 Updated record layouts in [Header and Trailer Records](#).
- 11/18/14 The following changes were made to bring the existing document up to current standards.
- Revised CCF Header Record description.
 - Removed references to CCRDTFDB and added NDMDTFGP and NDMDTFSP.
 - Revised CF2 Header and Trailer Records
 - Changed CCF-II references to read CF2.
 - Identified existing CF2 HDR and TRL Record Format as NDM specific.
 - Corrected "TLR" in Field Description (position 1) to read "TRL".
 - Added (0001) to Field Description (position 56).
 - Expanded Filler (position 60) from 15 to ???
 - Removed Sequence Number field (position 75).
 - Added FTP specific CF2 Header and Trailer Record Format.
- 07/27/23 The document was reformatted to the latest template.

OVERVIEW

The RAPCPN function files will allow CF2 users (FTP/NDM) to retrieve their Coupon Direct Presentation records once a day on business days using the RAPCPN function. Please note that all times refer to Eastern time.

RAPCPN

Twice a month, at approximately 7:00 a.m. eastern time, DTC will provide agents with a file of upcoming Coupon Payments that our records indicate that they are the paying agent for. The file will be generated on the evening of the business day for the 1st and 15th of each month. Agents can pick up the files on the following business day starting at 7:00 a.m. Eastern time.

In addition to standard Header and Trailer records, the file will consist of two types of records, CUSIP Header records and Certificate Detail records. The layouts for both types of records are provided in [Header and Trailer Records](#).

RAPCPN Transmission Modes

RAPCPN files are available via FTP and NDM (CF2). Users requesting RAPCPN via CF2 receive a file comprised of CF2 Header and Trailer records separated by the detail records. (NDM users may also receive the file with a CCF Header record followed by the DIVRDP detail records.)

The formats for the CCF Header record, CF2 Header and Trailer records, and the RAPCPN, records are described in the following sections.

RAPCPN Availability

The RAPCPN function is normally available from approximately 7:00 a.m. through 7:00 p.m. Eastern time. New files will only be available the business day after the business day associated with the 1st and 15th of the month. For example, in August 2014 files would be available 08/04 and 08/18. In September 2014 files would be available on 09/03 and 09/16.

If an agent does not pick up their file on the date generated, upon request, the file can be made available as a 'SPEC' file.

Business days are days when DTC and Banks are open for business, including Good Friday.

HEADER AND TRAILER RECORDS

The CCF Header Record

NDM users executing NDMDTF01, NDMDTFGP, or NDMDTFSP will receive the following CCF Header record.

CCF Header Record Format				
Position	Length	Format	Field Name	Field Description
1	6	Character	Data Type Requested	RAPCPN. (In special instances where data must be reloaded, this name will correspond with the SPECx name).
7	6	Character	Data Type Created	RAPCPN
13	8	Character	Creation Date	Date of data (MM/DD/YY).
21	8	Character	Spool Date	DTC data load date (MM/DD/YY).
29	8	Character	Load Time	DTC data load time (HH:MM:SS).
37	2	Binary	Record Size	Size of each data record.
39	4	Binary	Block Count	Number of data blocks input to CCFDTFDB.
43	4	Binary	Record Count	Number of data records.
47	???	Character	Filler	DTC use only. Do not use.

The CF2 Header and Trailer Records

The CF2 Header and Trailer records come in two different formats; NDM and FTP.

NOTE

The Header and Trailer records are identical except for the first and last field of each record.

NDM - CF2 Header and Trailer Records

NDM users executing NDMDTF02 or NDMDTFGH will receive the following:

CF2 Header and Trailer Record Format - NDM				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record ID	"HDR" or "TRL"
4	4	Character	Signon ID	Signon ID
8	6	Character	Data Type Requested	RAPCPN (In special instances where data must be reloaded this name will correspond with the SPECx name).
14	6	Character	Data Type Created	RAPCPN
20	8	Character	Creation Date	Data Creation Date (MM/DD/YY)
28	8	Character	Spool Date	Data Load Date (MM/DD/YY)
36	8	Character	Load Time	Data Load Time (HH:MM:SS)
44	4	Numeric	Record Length	Record Length of data requested
48	8	Numeric	Record Count	Number of data records in file
56	4	Numeric	80-Byte Record Count	Number of 80-byte records per data type requested. (0001)
60	???	Character	Filler	DTC use only. Do not use.

FTP - CF2 Header and Trailer Records

FTP users will get the following:

CF2 Header and Trailer Record Format - FTP				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record ID	"HDR" or "TRL"
4	8	Character	Sign-on ID	Sign-on ID
12	6	Character	Data Type Requested	RAPCPN (In special instances where data must be reloaded this name will correspond with the SPECx name).
18	6	Character	Data Type Created	RAPCPN
24	8	Character	Creation Date	Data Creation Date (MM/DD/YY)
32	8	Character	Spool Date	Data Load Date (MM/DD/YY)
40	8	Character	Load Time	Data Load Time (HH:MM:SS)
48	4	Numeric	Record Length	Record Length of data requested
52	8	Numeric	Record Count	Number of data records in file.
60	4	Numeric	80-Byte Record Count	Number of 80-byte records per data type requested. (0001)
64	???	Character	Filler	DTC use only. Do not use.

THE RAPCPN DETAIL RECORD

Position	Length	Format	Field Name	Field Description
TRANSACTION HEADER				
1	1	Character	Feedback Indicator	A constant "*" indicates an output message in the new format.
2	1	Character	Production/ Test Indicator	For this function a constant "P" indicates a Production system message.
3	6	Character	Record Type	Value is RAPCPN
9	2	Character	Record Suffix	A constant "01".
11	2	Character	Version Number	The version number associated with this record format; a constant "01".
13	6	Character	User Reference Number	Constant spaces.
19	8	Character	Addressee ID	The sign-on id of the entity on behalf of whom the transaction is being processed. Right aligned, zero padded. In this case, the M or N sign-on associated with the PFR Agent Number.
RAPCPN CUSIP Header Record				
27	1	Character	Record Type	Type of record, "C"
28	2	Numeric	CUSIP Country Code	Always zeros
30	9	Character	CUSIP	CUSIP Number
39	1	Numeric	CUSIP Check Digit	Always zero
40	48	Character	CUSIP Description	CUSIP Description
88	9	Numeric	NO of Certificates	Format 9(9). Total number of certificates for this CUSIP, zero padded.
97	18	Numeric	Total Interest	Format 9(16)V99. Zero padded
115	9	Numeric	Interest Rate	Format 9(03)V9(06). Zero padded
124	3	Character	Coupon Number	Format 999. Zero padded.
127	8	Numeric	Paying Agent	Paying Agent number, zero padded to the left if the agent number is less than eight significant digits.
135	2	Numeric	CUSIP Country Code	Always zeros

Position	Length	Format	Field Name	Field Description
137	9	Character	CUSIP Number	CUSIP Number repeated.
146	1	Numeric	CUSIP Check Digit	Always zero
RAPCPN Detail Record Redefines RAPCPN CUSIP Header				
27	1	Character	Record Type	Always 'D'
28	2	Numeric	CUSIP Country Code	Always zeros
30	9	Character	CUSIP	CUSIP Number
39	1	Numeric	CUSIP Check Digit	Always zero
40	12	Character	Beginning Cert Number	Format X(13). If Numeric, zero padded. If Character prefix, zero filled between Alpha and significant digits.
52	12	Character	Ending Cert Number	Format X(13). If Numeric, zero padded. If Character prefix, zero filled between Alpha and significant digits.
64	3	Numeric	Cert Sequence Number	Always zeros
67	13	Numeric	Denomination	Format 9999999999999. Zero padded.
80	18	Numeric	Interest Amount	Format 9(16)V99. The Interest amount per Denomination, zero padded.
98	18	Numeric	Total Interest Amount	Format 9(16)V99. The Interest amount per Certificate Range, zero padded. Certificate Range = (Beginning Cert Number – Ending Cert number) + 1.
116	9	Numeric	Total Cert Count	Format 999999999. Zero padded.
125	2	Character	Filler	Reserved for DTC future use
127	8	Numeric	Paying Agent	Paying Agent number, zero padded to the left if the agent number is less than eight significant digits.
135	2	Numeric	CUSIP Country Code	Always zeros
137	9	Character	CUSIP Number	CUSIP Number repeated.
146	1	Numeric	CUSIP Check Digit	Always zero

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